



STUDY ABROAD IN

NEW ZEALAND + SYDNEY

SUMMER 2019

ITINERARY

CHRISTCHURCH

The Garden City

DAY 1

Group flight departs for Christchurch.

DAY 2

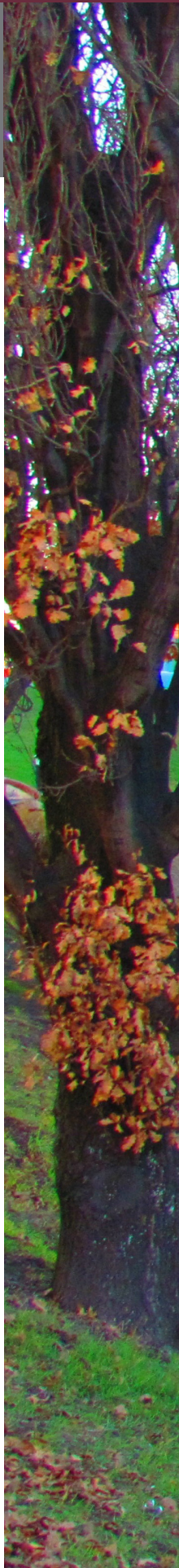
Arrive in Christchurch and embark on an engineer-led tour of the central city to discover the effects of the Canterbury earthquakes as well as innovative seismic design first-hand. Stop at the Quake City exhibition to view videos, objects, and rebuild plans that complete the story of the 2010 and 2011 earthquakes and Canterbury's resilience. A welcome dinner will be provided at a favorite local establishment.

DAY 3

Visit the University of Canterbury for a tour of the Civil and Natural Resource Engineering Department and their expansive Structural Engineering Laboratory. In the afternoon, undertake a site visit of the Lyttelton Port and enjoy lunch and a presentation with the port's engineering manager. Conclude the day looking for the endangered endemic kiwi bird during a tour of Willowbank Wildlife Reserve, and afterwards, take part in an authentic Maori cultural experience including a *powhiri* greeting ceremony and traditional *hangi* dinner buffet.

DAY 4

Start the day with a presentation on the relationship between contemporary Maori culture and global capitalism, exploring the influence of indigenous environmental values, cultural traditions, and spirituality. Then be inspired by local leaders in a diversity of engineering disciplines, from cutting edge robotic technology at Invert Robotics to efficient and sustainable solutions for the global housing crisis at WikiHouse.





Engineering

+

**The Natural
Environment**

New Worlds + New Views



ITINERARY

WELLINGTON + TAUPO

Windy Wellington + the Great Cloak of Tia

DAY 5

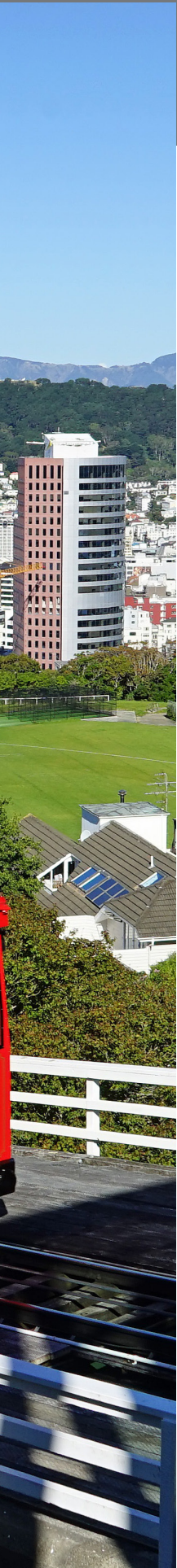
Take a morning flight to the nation's capital, Wellington, where you can explore on your free morning New Zealand's renowned and interactive national museum, Te Papa Tongarewa. In the afternoon, be transported to other worlds at Weta Workshop, in the heart of "Wellywood," where you'll see how engineering brings the movie industry to life through props and miniature sets like that of Thunderbirds Are Go.

DAY 6

Appreciate the distinct changes in the landscapes as you travel north by coach to Lake Taupo. Take in the raw natural power of Huka Falls before you check in to your lakeside lodge and enjoy a free evening in Taupo.

DAY 7

Today you'll investigate volcanic geothermal energy, and the variety of applications found around Taupo, starting off at the Geological and Nuclear Sciences Research Centre, followed by a tour around Wairakei Power Station. Try some local shrimp during the group lunch at Huka Prawn Park and learn how the park is also linked to the geothermal energy in the region. Relax after the day of visits at Wairakei Terraces, one of Taupo's hot springs-fed thermal pools.



ITINERARY

AUCKLAND

City of Sails

DAY 8

On the way north to Auckland, enjoy an hour and a half tour of the Hobbiton set from the Lord of the Rings film trilogy and The Hobbit film series followed by a Marquee Festive Feast lunch buffet at the Green Dragon Inn. The movie set is still a working sheep and beef farm and also offers spectacular views across to the Kaimai Ranges. Arrive into Auckland in time for a free evening.

DAY 9

Today you will visit the University of Auckland and investigate the niche discipline of Sound Engineering, learning first-hand how modern technology influences the music you hear every day. After lunch, a final interactive session on project management will challenge you with real-life scenarios and wrap up your learning about New Zealand perspectives on engineering.

DAY 10

Make the most of your free day today with a full array of opportunities available to you in Auckland, known as the “City of Sails.” You might be interested in catching views from the Sky Tower, riding a boat to nearby Rangitoto or Waiheke Islands, shopping on Queen Street, visiting the War Memorial Museum, walking along the wharves, or venturing to one of many chic neighborhoods.



A photograph of a hobbit house, likely from the movie 'The Hobbit'. The house is built into a grassy hillside. It features a large, arched blue door with a small window. To the left of the door is a small lantern and a hat hanging on the wall. To the right is another arched window. The roof is covered in green grass. In the foreground, there are various potted plants and flowers, including pink and white flowers. A small mailbox is visible on the right side of the house. The background shows more greenery and a stone wall.

Hands On + Minds On



Traditional Cultures + Global Economies



ITINERARY

SYDNEY

The Harbour City

DAY 11

Jet up to Sydney in just a few hours on Australia's Qantas Airlines. After checking in, learn about "The Rocks," one of Sydney's historic neighborhoods along Sydney Harbour from an indigenous guide. Discover how Aboriginal dreaming is still alive within the modern Sydney landscape and how the environment influenced how Aboriginal people in the area. Linger in the area for your free evening to catch iconic views of the Sydney Opera House and Sydney Harbour Bridge.

DAY 12

Continue your engineering site and university visits today in this dynamic and global Australian city. Visits are still to be confirmed for 2019, but include tours of companies like Hawker Pacific, the leading integrated aviation solutions provider serving customers across Asia Pacific and the Middle East.

DAY 13

Visit Barangaroo, Sydney's massive urban regeneration project that will showcase how city populations can live sustainably. Hear how engineers from across the disciplines collaborate to achieve this goal, in harmony with local the Aboriginal community, a member of which will guide you through the Barangaroo Reserve. Conclude your RSAP Down Under experience with a behind-the-scenes tour of the Sydney Opera House and group farewell dinner.

DAY 14

Return back home on the group flight, or contact STA Travel to arrange to extend your stay for personal travel.