# **PROGRAMME STARTS WITH FIELD CAMP**

#### **Objectives**

- •Build breadth through different disciplinary field modules
- •Build and develop your field skills
- •Observe, record, interpret, reflect
- •Work in teams
- •Challenge yourself
- •Learn how to perform field research
- •Grow as a person



"I've had friends say that they eat, live, and breathe geology, but I don't know if they can do it quite as much as they can here."

# GEOLOGY FIELD CAMP (5 WEEKS)

#### FUNDAMENTALS

Field notes Descriptions Observations Measurements Field mapping

#### **GEOMORPHOLOGY**

Geomorphic mapping Deformation Processes Timing Landscapes

# NEW ZEALAND / AOTEAROA STUDY ABROAD PROGRAMMES

#### VOLCANOES

Lava flow fields Super volcanoes Geothermal Geohazards Quantitative Data

#### MAPPING

Tectonics - Structure Stratigraphy Geomorphology Professional -Geologic map

#### RESEARCH

Projects Mentors Self-directed Data collection

# **VOLCANOES MODULE- TONGARIRO (MT. DOOM)**

- •Field observations to interpretation
- •Eruption processes
- •Volcanic hazards and eruption simulation exercise
- Integrated with students from New Zealand





### EARTH SYSTEMS FIELD CAMP (4 WEEKS)

#### KAITIAKITANGA

Maori - World view Observations Field notes Communities Ecology FIELD SKILLS

Environmental restoration Natural hazards Resource management

#### COMMUNITY

Engagement Reflection Culture Research

HYDROSPHERE

Hydrology Chemistry Data analysis NZ issues Source to Sink

#### ANTHROSPHERE

Glaciers Climate

Tourism

Sustainability

Challenges



# ANTHROSPHERE MODULE— CLIMATE CHANGE AND CONSERVATION AT AORAKI / MT COOK

- •Intersecting spheres of the Earth system
- •Anthropogenic climate change
- •Sustainable tourism
- •Cultural significance
- •Conservation strategies



