

GEOG101 Physical Geography



University
of Otago
ŌTĀKOU WHAKAIHU WAKA
NEW ZEALAND



An introduction to the geographic study of the Earth's environmental systems, with particular emphasis on energy, landforms, biodiversity and water.

Physical Geography is the study of the natural environment that promotes the understanding of the interactions between social, earth and physical science. Physical Geography is "hands on" and concentrates on the real world, and to study the real world requires specific skills like mapping, remote sensing, data collection, field work and communication skills.

COURSE DELIVERY

Lectures

In person & online
(M, T, W, Th)

Field Trips

Select ONE half day field trip from one of four different activities

Practicals

Get hands on experience using environmental simulations, weather equipment, and data analysis.

Six 3-hr practicals throughout semester.
10 streams available either: 10 am or 2 pm
M, T, W, Th, F

1

GEOMORPHOLOGY

How do landscapes form (or change)?

2

CLIMATOLOGY

How is our weather and climate changing?

3

HYDROLOGY

Why do we have a water crisis?

4

BIOGEOGRAPHY

Why do species go extinct?

GEOG101 Physical Geography

In GEOG 101 we will introduce you to the diverse physical environment and in practical sessions introduce skills that will enable you to apply your theoretical knowledge to real world problems. The skills learnt in this course are those used by researchers and professionals in many disciplines.

Learning Outcomes

By the end of the paper you will:

- Have a well-developed understanding of the content, key concepts and themes in contemporary Physical Geography
- Be familiar with and able to apply basic methods of study and techniques of analysis in Physical Geography
- Be able to analyse critically and communicate your analysis effectively using both oral and written media
- Be well prepared to progress to 200-level papers in Geography and to apply geographic perspectives in other subjects you may be studying

Assessment

Assessment is 60% internal (on-going during the semester) and 40% external (final examination).



WHERE CAN I GO WITH A CAREER IN GEOGRAPHY?

Our graduates go into so many different jobs there is no single answer! They are global citizens working in environmental issues in non-government organisations, environmental consultancies, NGOs, and local and central government agencies.

Geographers develop policy for sustainable development, environmental planning, monitoring and regulation. Geographers are consultants, planners, water resource managers, environmental modellers, and so much more!

