

COURSE DETAIL

PRINCIPLES OF REMOTE SENSING

Country

New Zealand

Host Institution

University of Auckland

Program(s)

University of Auckland

UCEAP Course Level

Upper Division

UCEAP Subject Area(s)

Geography

UCEAP Course Number

118

UCEAP Course Suffix**UCEAP Official Title**

PRINCIPLES OF REMOTE SENSING

UCEAP Transcript Title

REMOTE SENSING

UCEAP Quarter Units

6.00

UCEAP Semester Units

4.00

Course Description

This course examines remote sensing tools and techniques and their application within the earth, environmental and urban environments. It focuses on the processing, analysis and interpretation of data collected by government and commercial satellites, Unmanned Aerial Vehicles (UAV) and aerial photography. The course introduces image interpretation, multispectral images, supervised and unsupervised image classification and change detection.

Language(s) of Instruction

English

Host Institution Course Number

GISCI 241

Host Institution Course Title

PRINCIPLES OF REMOTE SENSING

Host Institution Course Details

<https://courseoutline.auckland.ac.nz/dco/course/GISCI/241/1215>

Host Institution Campus

Host Institution Faculty

Science

Host Institution Degree

Host Institution Department

Course Last Reviewed

2024-2025

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