

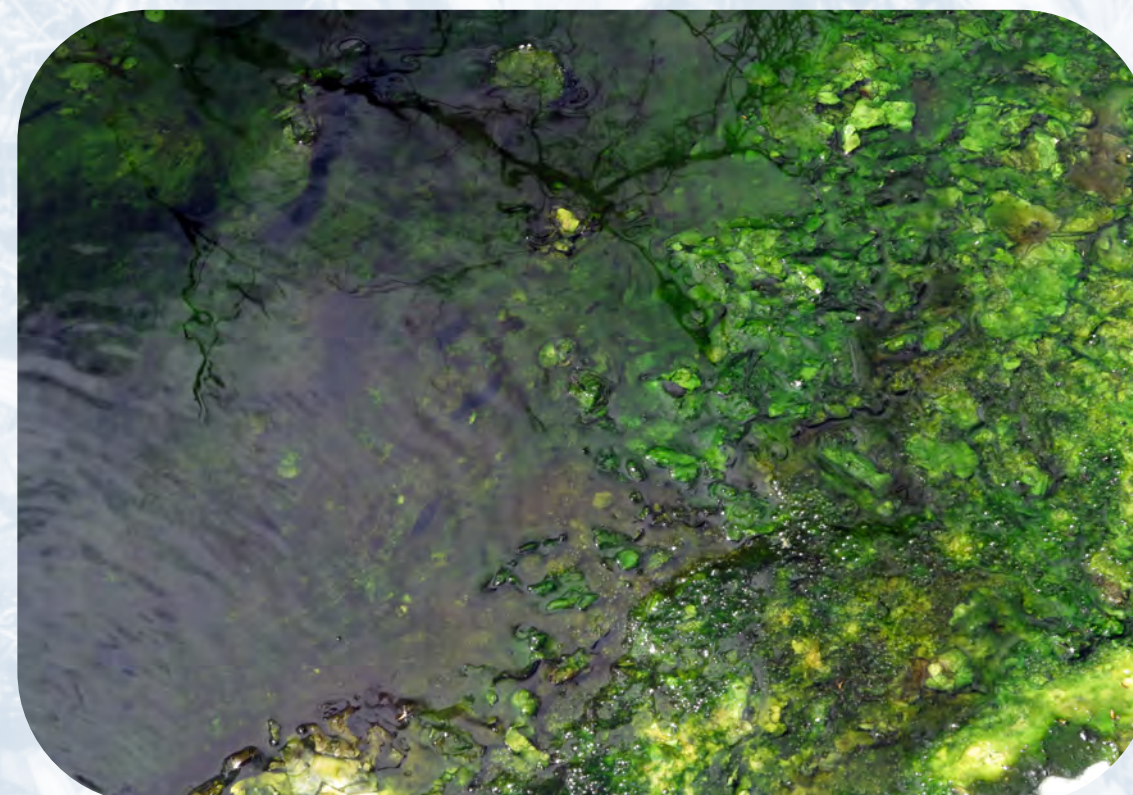
What is Botany?



Botany is field work, lab experiments, ecology, genetics, taxonomy, and conservation



... it's learning about the most efficient solar panel in the world – photosynthesis



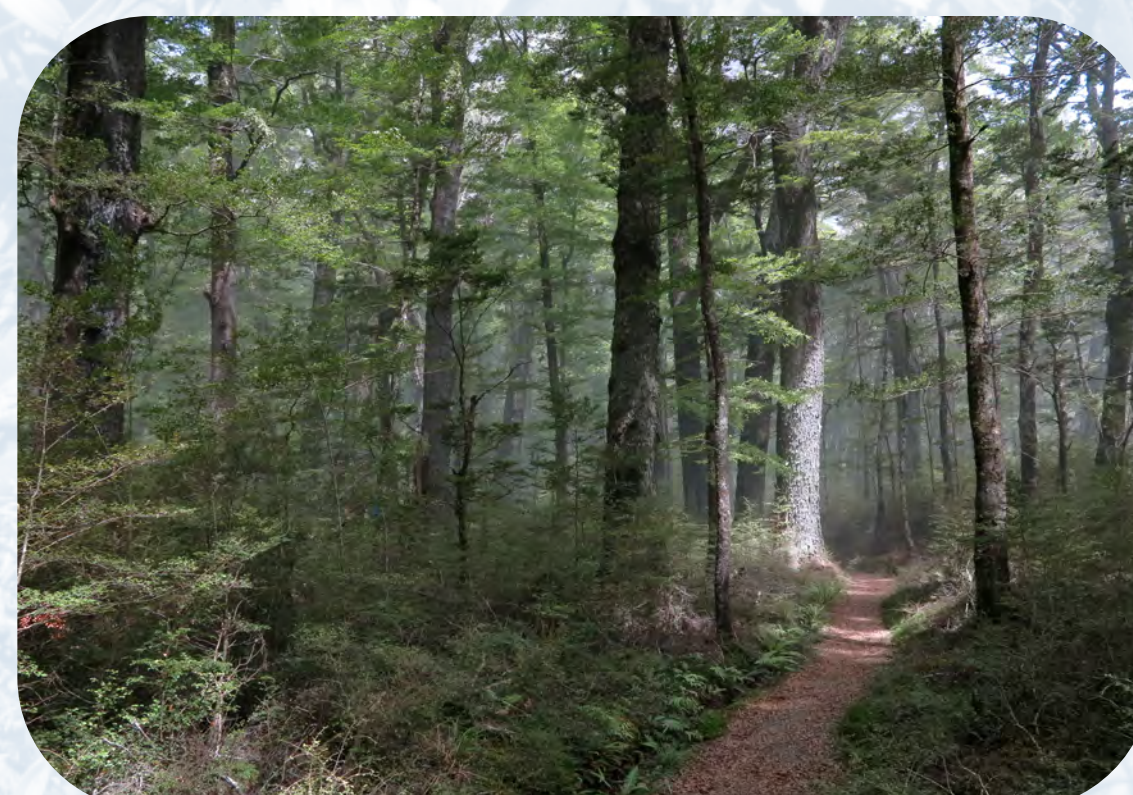
... and identifying and breeding crops to tolerate climate change and feed humanity



... it's knowing how stable ecosystems are formed by plant and animal interactions



... and understanding how trees and fungi 'talk' underground to keep native forests healthy



BACHELOR OF SCIENCE majoring in BOTANY

Botany graduates understand how plants work, how they interact with each other and animals, how to restore habitat and maintain biodiversity, and how we can breed plants for food, energy, and materials.

FIRST YEAR PAPERS for BOTANY at OTAGO

BIOL123 – Plants: How They Shape the World
CELS191 – Cell and Molecular Biology
ECOL111 – Ecology and Conservation of Diversity

RESEARCH TOPICS in BOTANY

Alpine plant species, climate change, evolution, phytoplankton, ocean acidification, cyanobacteria, lichens, photosynthesis, fungi, tissue-culture, improving nutrients in food, antioxidants, post-harvest food storage, plant viruses, and more.

NZ's only Botany degree program is at the University of Otago - otago.ac.nz/botany