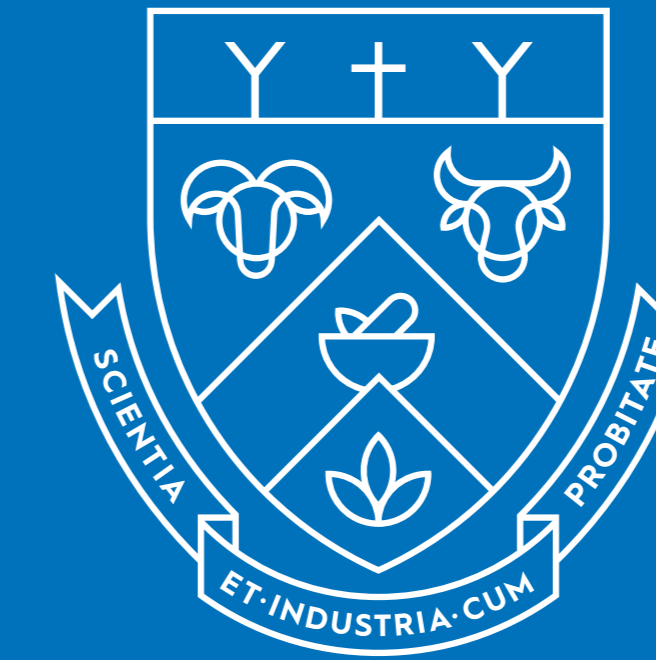


Careers that use science.

Which one is for you?



**LINCOLN
UNIVERSITY**
TE WHARE WĀNAKA O AORAKI

Bachelor of Agriculture (3 years) **Bachelor of Agricultural Science** (4 years)

Get ready to achieve the best results for the environment, animals and people by learning how to manage complex agricultural systems.

In the first year, the course includes:

- Completing the 28 weeks of paid on-farm work experience required to graduates.
- Growing micro-organisms to see how they affect carbon dioxide production and nitrate leaching of soils.
- Taking and analysing blood samples from sheep.
- Industry tours.

Careers

- Farm Consultant
- Farm Manager
- Animal Health/Nutrition Specialist
- Environmental Consultant
- Geneticist/Breeder
- Grower Liaison
- Primary Product Exporter
- Farm Infrastructure Engineer
- Agronomist (soil management and crop production)
- Agriculture/Horticulture Scientist
- Auditor (Farm and Food)
- Livestock Agent/Representative
- Farm technology consultant
- Policy Advisor
- Rural Banker
- and many more career opportunities

Diploma in Agriculture (1 year) **Diploma in Horticulture** (1 year)

Spend a year gaining the practical experience and science skills needed for success in the industry.

The course includes:

- 12 weeks of industry experience
- Industry tours
- Stock handling (vaccinations, body condition, nutrition).

Careers

- Farm Assistant
- Farm/Orchard Manager
- Rural Contractor (fencing, harvesting)
- Shepherd
- Artificial Insemination Technician
- Livestock Agent
- Wool Classifier/Buyer
- Orchard Manager
- Vegetable/Crop Grower
- Industry Representative
- Farm/Orchard Operations Manager
- Nursery Grower (temperate, native, productive plants)
- Plant/Animal Breeder
- Industry Technician
- Sales Representative
- and many more career opportunities

Doesn't sound like the right fit?
Try this instead.

Bachelor of Science majoring in Food Science (3 years)

Answer the big questions like how to feed the world with less environmental impact by focusing on microbiology, nutrition and other scientific disciplines.

In the first year, the course includes:

- Taste testing and scientifically analysing food products
- Producing food in on-campus kitchens and labs
- Investigating various diets.

Careers

- Flavour Chemist
- Offshore Sales Executive
- Food Product Developer
- Compliance Manager/Investigation Advisor
- Biochemist
- Dietician Specialist
- Environmental Health Officer
- Food Toxicologist
- Sales Representative/Executive
- Sensory Evaluation Expert
- Microbiologist
- Plant and Food Researcher
- Pharmaceutical Technician
- Production Manager
- Quality Assurance Officer/Manager/Coordinator
- and many more career opportunities

Bachelor of Science majoring in Brewing and Fermentation (3 years)

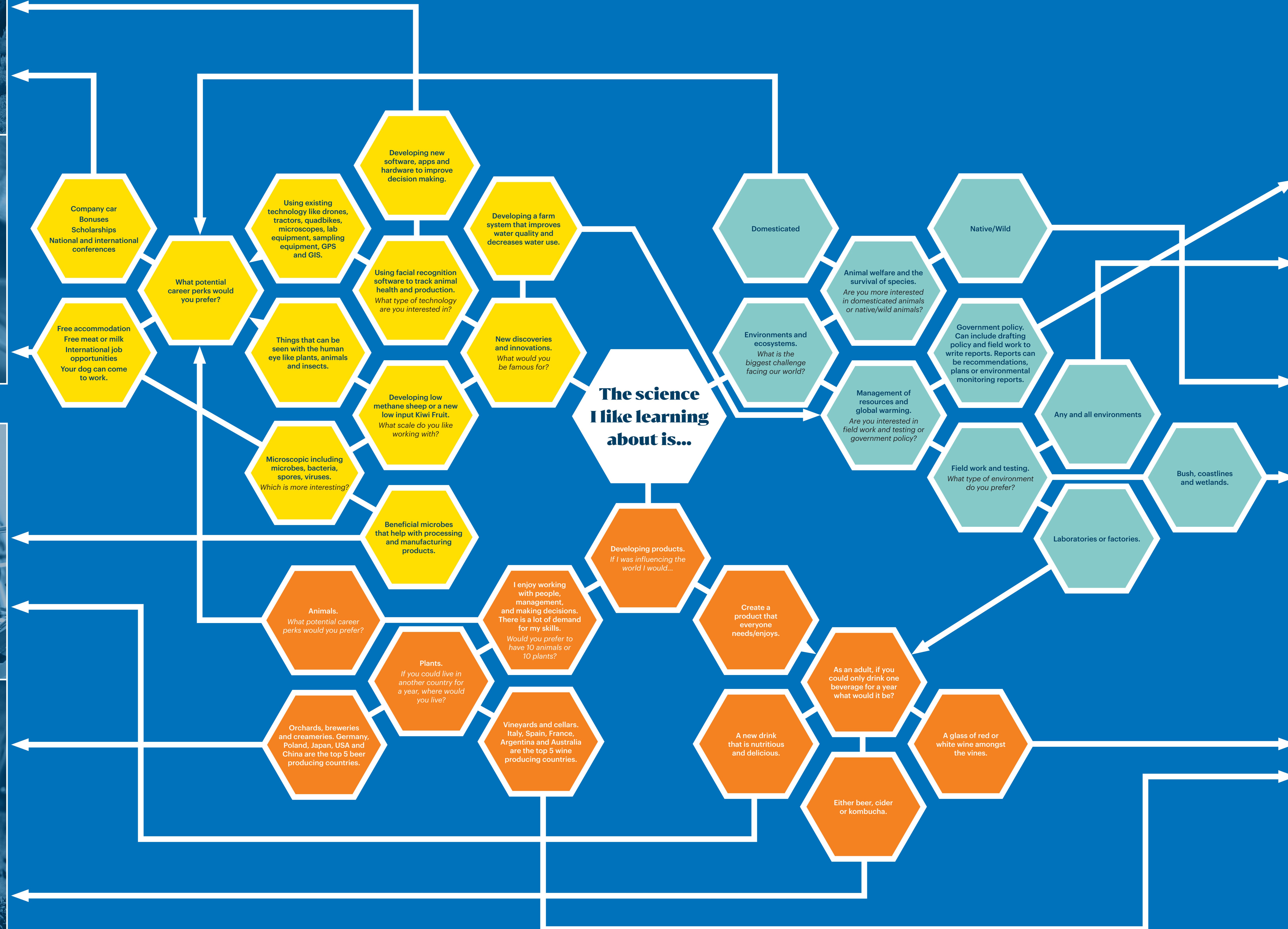
Create brand new products as you explore how different microbes and processing techniques can change the flavour and nutritional value of food and beverages.

In the first year, the course includes:

- Using on-campus kitchens and labs to produce food and brew your own beverages.
- Exploring global food markets and fermented products like yogurt, cheese, cider, beer and kombucha.
- Taste testing and scientifically analysing food products.

Careers

- Brewer/Distiller
- Dairy production manager (cheese/yogurt/sour cream etc)
- Food Product Developer
- Food Technologist (technology that makes food).
- Marketing/Accounts Manager
- Sales Representative/Executive
- Brewery Assistant
- Importer/Exporter
- Research and Development
- Laboratory Manager
- Production Manager
- Quality Assurance Officer/Manager/Coordinator
- Microbiologist
- Grower Liaison
- Food Scientist
- and many more career opportunities



Bachelor of Science majoring in Environmental Science (3 years)

In New Zealand, 42% of land is used for agriculture and horticulture, 49% for native ecosystems and 8% for forestry. A land-based university is the perfect place to gain expertise in the rural and natural environment. Prepare to help manage these areas for future generations and increase sustainability.

In the first year, the course includes:

- An Arthur's Pass field trip that involves exploring ecology and earth science.
- Testing how soil nutrients and micro-organisms affect CO₂ levels.
- Collecting and analysing field samples to determine the health of the ecosystems.
- An introduction to ecological sciences
- Studying environmental and biological systems
- Exploring our ecosystems and their plants, animals and fungi
- Getting out into the field to examine soil properties for sustainable land management.

Careers

- Environmental Scientist
- Irrigation Design Systems Engineer
- Climate Change Advisor
- Environmental Policy Analyst
- Monitoring Officer
- Environmental Science Communicator
- Land Degradation and Restoration Expert
- Wetland Specialist
- Environmental Advocate
- Consents Officer
- Ecological Consultant
- Field Technician
- and many more career opportunities

Bachelor of Science majoring in Conservation and Ecology (3 years)

Prepare to help protect our environment by becoming a highly skilled, passionate conservation and ecology specialist.

In the first year, the course includes:

- Dissection labs
- Pollinator collection labs
- Field trips, including to Banks Peninsula and the Southern Alps
- Field sample collection and lab analysis.

Careers with the Government

- Biosecurity Officer
- Contaminated Land Officer
- Plant Imports Advisor
- Quarantine Officer
- Pest Control Officer
- Fisheries Officer
- DoC Biodiversity Ranger
- Land Management Officer
- Environmental Monitoring Officer
- Resource Consent Officer

Careers with Industry Organisations

- Restoration and Environmental Consultant
- Environmental Scientist
- Environmental Technician
- Animal Behaviour Technician
- Compliance Manager
- and many more career opportunities

Doesn't sound like the right fit?
Try this instead.

Bachelor of Viticulture and Oenology (3 years)

Get outside amongst the vines and learn the careful management, science and skills required to create amazing wines.

In the first year, the course includes:

- Hands-on practical experience at the Lincoln University vineyard and winery.
- Field trips to a variety of vineyards and wineries.
- Wine taste testing and carrying out lab analyses of different wines.

Careers

- Winemaker
- Laboratory Manager
- Viticulturist
- Vineyard Manager
- Viticulture Technician
- Production Manager
- Marketing/Accounts Manager
- Academic Lecturer
- Winery Engineer
- Plant and Equipment Manager
- Research and Development
- Wine Writer/Taster
- Sommelier (wine steward)
- Import/Export
- Vineyard Owner
- Wine Representative
- and many more career opportunities