



Biosecurity @ BHI

Box Hill Institute



Bachelor of Biosecurity Science

- ✓ Why study Biosecurity?
- ✓ Why study at Box Hill Institute?
- ✓ Where can Biosecurity lead you?

BHI Point of Difference



POINT 1

85% of our students are employed within six months of completing their study, and they earn a higher salary after graduating than university graduates.



POINT 2

Empowering students with real industry experience and expertise is part of our DNA. We deliver essential and advanced skills for a wide range of industries that meet current industry expectations.



POINT 3

BHI's Biosecurity Science course is unique and is extremely relevant to modern food and agriculture production.



POINT 4

Highly-experienced teaching staff will support you to develop industry-ready skills. You'll graduate to work in a fascinating career with interesting and diverse job and business options Australia-wide.

Where can Biosecurity take me?

PLANT STANDARDS OFFICER
Biosecurity & Ag Services

Agriculture Victoria



Lauren Turner
B.Biosec.Sci.

SENIOR POLICY OFFICER
Grain & Seed Exports

Dept. Ag Water & Environment



James Healey
B.Biosec.Sci.

ASSESSMENT OFFICER
Animal Biosecurity

Dept. Ag Water & Environment



Aaron Warren
B.Biosec.Sci.

ANIMAL HEALTH OFFICER
Biosecurity & Ag Services

Agriculture Victoria



Rosa-Lea Cleve
B.Biosec.Sci.

Career prospects

A Bachelor of Biosecurity will give you:

- Globally relevant skills
- In high demand fields

Typical roles in biosecurity include:

- Industry extension services
- Environmental weed management
- Feral animal control
- Quarantine inspection
- Policy development
- Fisheries and wildlife
- Laboratory diagnostics

NSW GOVERNMENT
Biosecurity Officer
• 1 x temporary full-time role up to December 2018. Located in...

Leading Biosecurity Officer - Goulburn

NSW GOVERNMENT
Senior Land Services Officer - Regional Weed Coordinator
Exciting opportunity to join Local Land Services in a project focused role.

NSW GOVERNMENT
Wild Dog Coordinator - Central West Queensland - Contract to 2020

NSW GOVERNMENT
Plants Standards Officer
• \$61,016 - \$83,640 (Plus Superannuation)
• Fixed Term - 30 June 2021
• Usual hours of work: Full Time (flexibility may be available)
• Usual work location: Ellimamberra
The position of Plant Standards Officer forms a part of the Biosecurity and Agriculture Services branch within Agriculture Victoria group.
Reporting to the Leading Plant Standards Technical Officer, the Plant Standards Officer is responsible for the delivery of Plant Biosecurity operation projects and activities in the South East region, including at the Melbourne Wholesale Fruit, Vegetable and Flower Market in Epping.
The successful applicant will work effectively as a member of a team, enjoy flexible working arrangements and undertake a wide variety of work across the division.
You will work within the South East region, to ensure delivery of high-quality services in the areas of pest and disease surveillance; plant biosecurity legislation and enforcement; emergency preparedness and response; and auditing. The position plays a key role in supporting industry with the maintenance of market access to domestic and international trade, and in mitigating the economic and social effects of disease and residue incidents in Victoria.
You will establish strong working relationships with internal staff and various external stakeholders including private landowners, community and industry groups, as well as local and state government agencies.

NSW GOVERNMENT
Agricultural Scientist
Skybury Coffee is seeking a fully qualified and suitably experienced agricultural scientist at its Paddy's Green farm operation. Reporting to the Manager, Plant Health, successful candidate will play an important role in further developing and implementing our plant breeding operation with a particular emphasis on cultivation of Red Papaya and other papaya varieties.
Specific tasks include:
• Support the research leader in the development of disease resistant varieties of red papaya and other crops.
• Monitor and develop protocols for the propagation of papaya material from tissue culture.
• Support ongoing field trials to support varietal development including assessment of nutrient, irrigation and soil tillage programs.

NSW GOVERNMENT
Senior Biosecurity Officer - Horticulturalist

NSW GOVERNMENT
Biosecurity Officer - Ararat
• \$61,016 - \$83,640 (Plus Superannuation)
• Fixed Term - Until 30 June 2021
• Usual hours of work: Full Time (flexibility may be available)
• Usual work location: Ararat
The position of Biosecurity Officer forms a part of the Biosecurity and Agriculture Services branch within the Agriculture Victoria group.
Reporting to the Biosecurity Manager South West, the Biosecurity Officer is responsible for the delivery of Invasive Species and Plant Biosecurity projects and activities within the South West region.
You will work as a member of a diverse team within the South West region to ensure delivery of high quality services in the areas of invasive species control, pest and disease surveillance, legislation and...

Leading Roles
• Executive • Management • Professional

Manager Public Health and Biosecurity

Australian Government
Department of Agriculture and Water Resources
Senior Biosecurity Officer - Horticulturalist

APS6 SENIOR ASSESSOR, ANIMAL BASED PRODUCT IMPORTS
Tanya Murdoch (02) 6112 7690
Assessing animal based product import applications
Experience qualifications mandatory
Join our new company
Federal Government Department that works both internally and externally to deliver policy that protects and develops Australia's natural resource industry. Working in the Animal and Biological Import Assessments that implements the Australian Government's animal-related biosecurity functions to allow for the safe movement of animals, animal products and genetic material into Australia. This Branch provides a broad range of services that minimise the risk of entry, establishment or spread of animal pests and diseases. This includes the provision of technical expertise, establishing appropriate import conditions, assessing import applications and issuing import permits.

Pandemic Biosecurity Officer - 2 positions
Anindilyakwa Land Council
[More jobs from this company](#)
About the ALC
The Anindilyakwa Land Council (ALC) is made up of 14 clans of the Grootie archipelago in the Northern Territory. People take full advantage of the opportunity to take full advantage of the opportunities of the 21st century, while simultaneously preserving their traditional...

Agricultural Technician
About the business

Bachelor of Biosecurity Science

BHI Code: BBS01 CRICOS: 082589J



Why choose the Bachelor of Biosecurity Science:

- Combines your interest in agriculture, animals, plants and science
- Modern, purpose-built biosecurity teaching laboratories
- Small class sizes (typically under 20) and personalised attention from enrolment to well after graduation
- Extensive industry connections and many opportunities to meet potential future employers
- The Lilydale campus is in the heart of the Yarra Valley agricultural industry, Melbourne's main water catchment area, and the Yarra Ranges National Park.

First year Animal Anatomy and Physiology class in the Biosecurity Centre of Excellence



Bachelor of Biosecurity Science

BHI Code: BBS01 CRICOS: 082589J

The Bachelor of Biosecurity Science is a:

- 3-year full time degree
- Nationally and CRICOS accredited
- 4-6 contact hours, 4 days/week
- 48 hours total workload per week

		Monday	Tuesday	Wednesday	Thursday	Friday
1st year	Semester 1	Foundation Chemistry (BBS101)	Introduction to Biosecurity (BBS104)	Research Methods and Statistics (BBS106)	Biology (BBS102)	No Class
	Semester 2	Plant Anatomy and Physiology (BBS117)	Introductory Microbiology (BBS115)	Australian Agricultural Industry (BBS103)	Animal Anatomy and Physiology (BBS118)	No Class
2nd year	Semester 1	Plant Production Systems (BBS213)	Plant Pests and Disease (BBS226)	Pathogens and Parasites (BBS211)	Animal Production and Husbandry (BBS214)	No Class
	Semester 2	Animal Health and Disease (BBS227)	Biosecurity Surveillance and Monitoring (BBS212)	Genomes and GMO's (BBS215)	Human Biosecurity and Public Health (BBS228)	No Class
3rd year	Semester 1	Invasive Animals (BBS323)	Biosecurity Risk Management (BBS324)	Epidemiology & Biostatistics (BBS321)	Invasive Plants (BBS322)	No Class
	Semester 2 6 Weeks	Biosecurity Legislation, Regulation & Policy (BBS335)	Biosecurity Legislation, Regulation & Policy (BBS335)	Biosecurity Compliance & Enforcement (BBS326)	Biosecurity Compliance & Enforcement (BBS326)	No Class
	Semester 2 7 Weeks	Biosecurity Industry Project (BBS337)				

Bachelor of Biosecurity Science

BHI Code: BBS01 CRICOS: 082589J

Bachelor of Biosecurity Science

- The 3rd year placement is an opportunity to gain valuable experience in the workplace in a biosecurity related role
- Successful completion of the degree will enable you to apply for an Honours or Master's degree in any Australian university in a related field

		Monday	Tuesday	Wednesday	Thursday	Friday
1st year	Semester 1	Foundation Chemistry (BBS101)	Introduction to Biosecurity (BBS104)	Research Methods and Statistics (BBS106)	Biology (BBS102)	No Class
	Semester 2	Plant Anatomy and Physiology (BBS117)	Introductory Microbiology (BBS115)	Australian Agricultural Industry (BBS103)	Animal Anatomy and Physiology (BBS118)	No Class
2nd year	Semester 1	Plant Production Systems (BBS213)	Plant Pests and Disease (BBS226)	Pathogens and Parasites (BBS211)	Animal Production and Husbandry (BBS214)	No Class
	Semester 2	Animal Health and Disease (BBS227)	Biosecurity Surveillance and Monitoring (BBS212)	Genomes and GMO's (BBS215)	Human Biosecurity and Public Health (BBS228)	No Class
3rd year	Semester 1	Invasive Animals (BBS323)	Biosecurity Risk Management (BBS324)	Epidemiology & Biostatistics (BBS321)	Invasive Plants (BBS322)	No Class
	Semester 2 6 Weeks	Biosecurity Legislation, Regulation & Policy (BBS335)	Biosecurity Legislation, Regulation & Policy (BBS335)	Biosecurity Compliance & Enforcement (BBS326)	Biosecurity Compliance & Enforcement (BBS326)	No Class
	Semester 2 7 Weeks	Biosecurity Industry Project (BBS337)				

Third year 2-Month Industry placement

Typical Student Placements



A peak body representing the Vegetable and Potato industry.

Students:

- Participate in meetings with researchers and government
- Meet with growers to discuss Biosecurity
- Work on an industry project



One of Australia's leading biosecurity testing laboratories

Students:

- Participate in pest and disease testing
- Work with leading scientists in a research environment
- Work on an industry project



The peak racing industry body that runs the Spring Carnival

Students:

- Work in quarantine with trainers and owners of elite racing horses participating in spring carnival
- Work on an industry project

More information

Academic Course Manager:

Dr Mick Blake

Email: m.blake@boxhill.edu.au

Web: <https://www.boxhill.edu.au/biosecurity>

