Biosecurity @ BHI

Box Hill Institute

August 2021 | Biosecurity Center of Excellence

RTO: 4687 | CRICOS: 02411J

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.

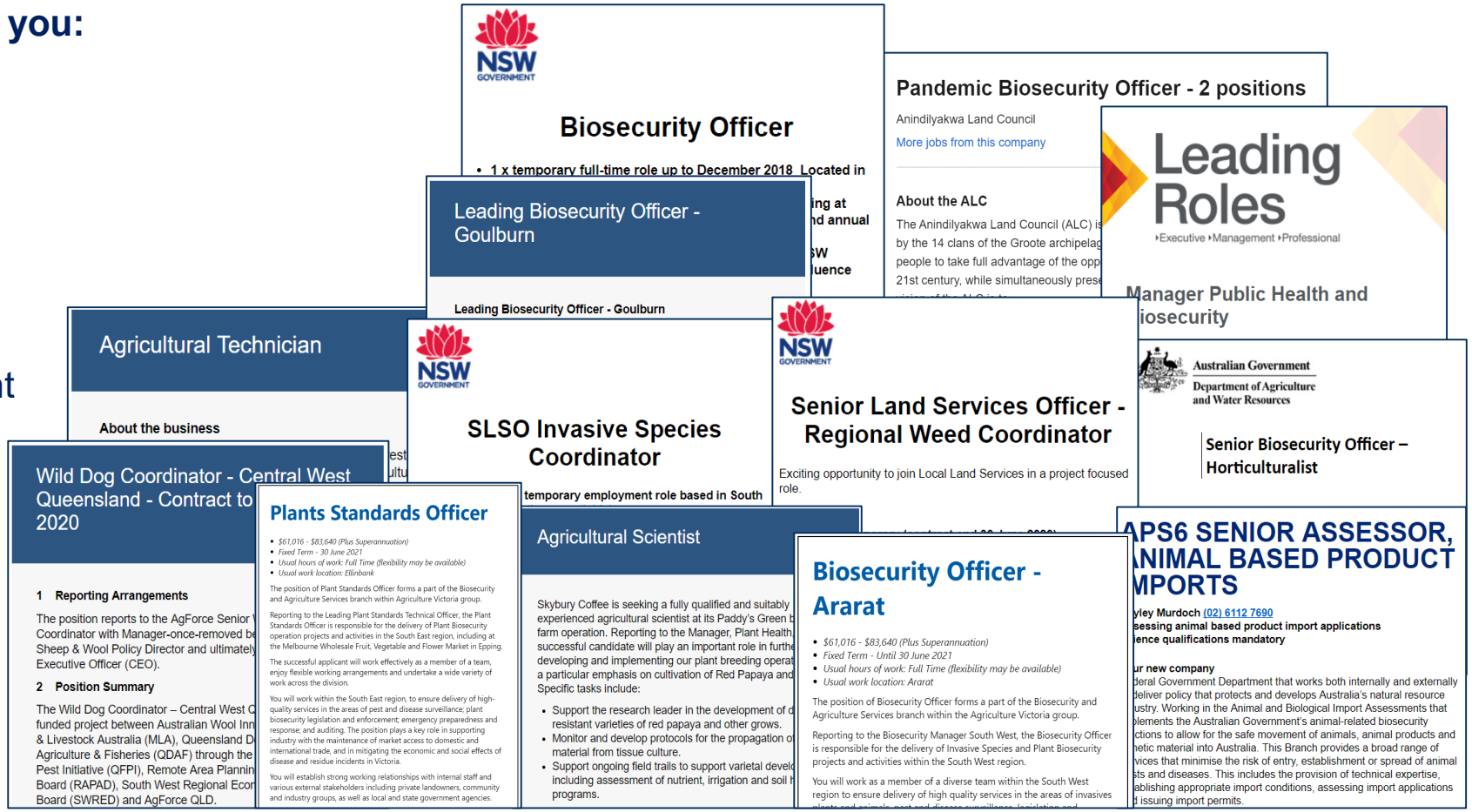
Career prospects

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



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

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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)				

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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
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	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