

Microbiology

Key transferable skills

Skills you will obtain in this degree that are transferable across many career options.



ANALYTICAL
THINKING



ATTENTION TO DETAIL



COMMUNICATION



NUMERACY



RESEARCH



TEAMWORK

Career pathways

Graduates will be well placed to find employment in a range of roles directly or after further study. Common roles include:

- Microbiologist
- Microbiology technician
- Quality control analyst
- Research assistant
- Glasshouse technician
- Laboratory analyst
- Medical laboratory scientist
- Water quality scientist
- Technical brewer
- Analytical chemist
- Food technologist
- Media laboratory manager

Major employers

Graduates have found jobs in a range of organisations including:

- Federal and state government
- Universities
- CSIRO
- Science New Zealand
- Dorevitch Pathology
- CSL Limited
- Douglas Manufacturing
- Lion Nathan
- Pfizer Incorporated
- GV Health
- AgResearch Limited
- AstraZeneca Global

Source: LinkedIn Live Alumni, Burning Glass Technologies

Discipline specific/technical skills

Technical skills that you will develop as part of your course.

- Identify and classify microorganisms
- Demonstrate aseptic laboratory procedures
- Plan and conduct experiments/research
- Collect and interpret data
- Write technical reports
- Apply bioethics/biosafety principles
- Communicate scientific information

Boost your employability



BROADEN YOUR SKILLS



CONNECT WITH INDUSTRY



MANAGE YOUR CAREER



GAIN EXPERIENCE

'Studying microbiology enhanced my understanding of how microbes influenced human health and other aspects of our lives. The hands-on practical classes at La Trobe helped me develop the transferable skills I needed for a range of STEM careers in research and industry.'

Ebony Monson
Microbiology major graduate