

Nanotechnology

Key transferable skills

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



ANALYTICAL
THINKING



COMMUNICATION



NUMERACY



ATTENTION TO DETAIL



PROBLEM SOLVING



TIME MANAGEMENT

Career pathways

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

- Design engineer
- Laboratory demonstrator
- Project manager
- Scientist
- Nanosystems research assistant
- Nanofabrication technologist
- Quality and safety supervisor
- Technical laboratory engineer
- Nanomaterial scientific officer
- Colour support technician
- Partnerships manager
- Microengineering process officer

Major employers

Graduates have found jobs in a range of organisations including:

- Universities
- Federal and state government departments
- Electronics/semiconductor industry
- Biotechnology companies
- CSIRO
- GNS Science
- Baker Heart and Diabetes Institute
- Lockheed Martin
- Rio Tinto
- Starpharma
- Quantum Victoria
- Antaria

Source: LinkedIn Live Alumni, Burning Glass Technologies

Discipline specific/technical skills

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

- Apply principles of nanotechnology
- Employ nanofabrication methods
- Solve problems related to nanotechnological materials
- Conduct research
- Write scientific reports
- Use technical instruments
- Apply engineering and physics concepts

Boost your employability



BROADEN YOUR SKILLS



CONNECT WITH INDUSTRY



MANAGE YOUR CAREER



GAIN EXPERIENCE

'I studied Physics, Biochemistry, and Nanotechnology. And even though my PhD was in Physics, I actually work in an institute that's all Biochemistry now, and those skills really gave me an advantage when I was looking for a job.'

Hannah Coughlan
Nanotechnology graduate