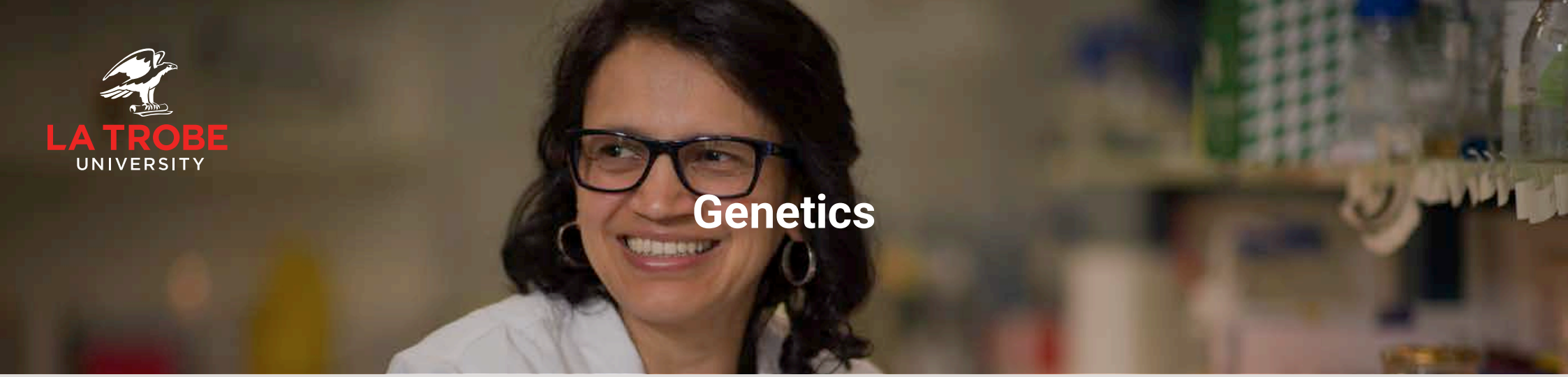

Genetics

Key transferable skills

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

- ANALYTICAL THINKING
- ATTENTION TO DETAIL
- COMMUNICATION
- TEAMWORK
- NUMERACY
- INTERPRET EVIDENCE

‘I am fascinated by microbial genes and proteins; studying GEN2MHG helped me realise this. Through using DNA as a tool in the lab, I realised that we can use biological molecules to do totally new things.’

Kaitlin Clarke
2nd Year Student

Career pathways

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

- Healthcare scientist
- Clinical research assistant
- Genomic selection scientist
- Plant geneticist
- Forensic officer
- Immunology scientist
- Aquaculture scientist (genetics and breeding)
- Technical officer
- Educator
- Science communicator
- Laboratory technician
- Quality control officer

Discipline specific/technical skills

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

- Apply genetics theory and analytical methods
- Formulate hypotheses, design and conduct research
- Generate and analyse experimental data
- Utilise laboratory techniques
- Convey scientific information (written and verbal)
- Diagnose genetic diseases
- Understand ethical implications of genetics research

Major employers

Graduates have found jobs in a range of organisations including:

- Research institutes
- Universities
- Hospitals
- Pharmaceutical industry
- State and federal government departments
- Murdoch Children’s Research Institute
- CSIRO
- Dell Incorporated
- AgResearch Limited
- Peter MacCallum Cancer Centre
- Thermo Fisher Scientific
- Victorian Clinical Genetics Services

Source: LinkedIn Live Alumni, Burning Glass Technologies

Boost your employability

- BROADEN YOUR SKILLS
- CONNECT WITH INDUSTRY
- MANAGE YOUR CAREER
- GAIN EXPERIENCE

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