

GRADUATE CERTIFICATE OF APPLIED GENOMICS

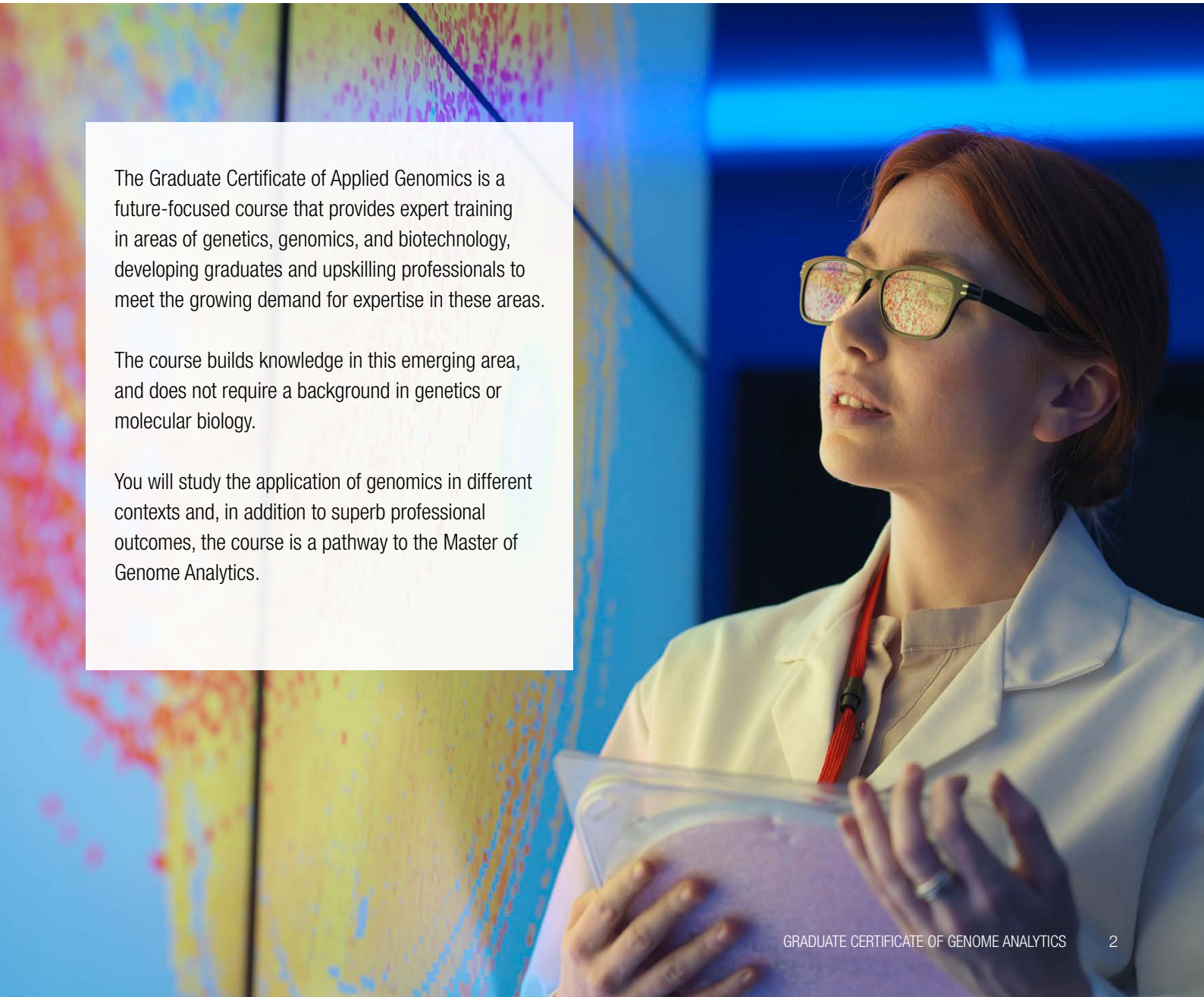
monash.edu/science/gc-applied-genomics

COURSE INTRODUCTION

If you are a detailed-oriented health and science graduate driven to better understand the genetic contributions to disease, the applications of genomics, and you are keen to start or build on a career in a highly evolving field, our new Graduate Certificate of Applied Genomics may be for you.

With continued improvements in DNA sequencing technology, genomic approaches to the diagnosis and understanding of disease are becoming the new standard in the field.

This course will provide training in genetics, genomics, and associated technologies, with a focus on understanding the genetic basis of disease.



The Graduate Certificate of Applied Genomics is a future-focused course that provides expert training in areas of genetics, genomics, and biotechnology, developing graduates and upskilling professionals to meet the growing demand for expertise in these areas.

The course builds knowledge in this emerging area, and does not require a background in genetics or molecular biology.

You will study the application of genomics in different contexts and, in addition to superb professional outcomes, the course is a pathway to the Master of Genome Analytics.

AT A GLANCE:

CAMPUS

Clayton campus

DURATION

6 months full time

COMMENCING:

July 2021

QUALIFICATION:

Graduate Certificate of Applied Genomics

CAREER OUTCOMES

There are many possible career choices in the rapidly changing field of genomics.

Some options include careers in:

- **Agricultural and ecological genomics**
- **Medical and pharmaceutical research**
- **Private and public biotechnology companies**
- **Hospitals**
- **Universities**
- **CSIRO**

COURSE STRUCTURE

The course comprises **24 points** of Genomics studies.

Units are **six points** unless otherwise stated.

You must complete the following units:

- **Techniques in medical biotechnology: genomics, proteomics and bioinformatics**
- **Human genetics**
- **Advanced genetics and biotechnology**
- **Medical and forensic genetics**

ENTRY REQUIREMENTS

MINIMUM ENTRY REQUIREMENTS

An Australian bachelor degree (or equivalent) with at least first year Biology, correlated discipline studies and at least 60% (credit) average overall, or equivalent qualification and experience approved by the Faculty.

ENGLISH LANGUAGE REQUIREMENTS

For entry to Monash University, you must meet the minimum English language requirements:

monash.edu/admissions/english-language-requirements

GET IN TOUCH

**If you have more questions,
please get in touch!**

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