Graduate Diploma in Diagnostic Genomics

**Why choose this course?**

Genomics is a rapidly evolving field, critical to cutting-edge health care and personalised medicine. We offer the only Graduate Diploma in Diagnostic Genomics in Australasia.

This course is ideal for healthcare professionals who are looking to develop specialist expertise and improve their knowledge of this growing discipline and its applications in health care. Similarly, it is an ideal avenue for genetic scientists who are already qualified but are keen to stay up-to-date with the latest technologies and applications. Areas of study include diagnostic genetics; genetic technologies; lab management, compliance and quality; and the ethical, legal and social requirements.

The opportunity to choose a speciality stream allows you to align this study with your career goals. Speciality units include molecular genetics, cytogenetics, or biochemical genetics.

You will be taught by leading researchers from the Genomics Research Centre, a research facility that focuses on the identification of genes involved in common human disorders and the translation of this research into new diagnostics and therapeutics.

Guest lecturers will offer insight into cross-disciplinary professions including ethics, genetic counselling, medical genetics, law, and bioinformatics.

**Flexible delivery**

This course is delivered online and can be completed in full-time or part-time study mode.

**Entry requirements**

**Academic entry requirements**

A completed recognised bachelor degree (or higher award) with a minimum Grade Point Average (GPA) score of 4.00 on QUT’s 7 point scale completed within the last ten years in any of the following areas or relevant disciplines:

- biology
- biochemistry
- biotechnology
- biomedical sciences

**Industry collaboration**

*QUT offers the first and only masters degree in diagnostic genomics in Australasia. The Human Genetics Society of Australasia is the professional society and credentialing body for genetics professionals in Australia. Graduates of the QUT Master of Diagnostic Genomics will be eligible to apply for professional credentialing from the Board of Censors in Diagnostic Genomics within HGSA.*

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**Accurate as at 23 June 2020. For the latest information see:**
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- cell biology
- dentistry
- dietetics
- forensic science
- genetics
- medicine
- nursing
- pharmacy
- veterinary science

If your degree was completed more than ten years ago, you must provide evidence of graduate work experience; and; or further studies since course completion with your application for it to be considered.

Minimum English requirements
Students must meet the English proficiency requirements.

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<tr>
<th>IELTS (International English Language Testing System)</th>
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<tbody>
<tr>
<td>Overall</td>
<td>6.5</td>
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<tr>
<td>Listening</td>
<td>6.0</td>
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<td>Reading</td>
<td>6.0</td>
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<td>Writing</td>
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<td>Speaking</td>
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Careers and outcomes
This course equips healthcare physicians with the knowledge to confidently explain genetic testing to patients, select optimal genetic tests and explain results. This level of genetic expertise would be beneficial as it is being increasingly employed in different departments. Clinicians will also have the necessary knowledge to initiate a collaboration with a genetics research group for the purposes of new gene identification.

Genetics scientists completing this graduate diploma will be in a strong position to apply for appropriate promotion and recognition within their laboratory or competitively apply for positions in laboratories offering alternate testing methodologies.

Course articulation
This course fully articulates with the Master of Diagnostic Genomics. The masters program prepares graduates to apply for professional accreditation as a diagnostic genomic scientist.