Graduate Certificate in Data Analytics

This course will prepare you for a future-focused career in the fast-paced, ever-changing world of data analytics. With a collaborative curriculum across disciplines you’ll not only learn theories and methods, but you’ll apply that knowledge to predict, forecast, visualise and make decisions in a range of applied areas.

You’ll study data analytics for information professionals with an opportunity to further your knowledge in additional fields such as statistical data analysis, programming fundamentals, data manipulation or business process modelling.

Why choose this course?
Be future-focused and stay ahead of the curve. Drive real change and impact key decisions by learning how to make sense of the volume, variety and velocity of data we collect as a society.

Our academics are world leaders in research and have strong industry ties that ensure the relevance of teaching material and high-quality learning experiences for students.

When you graduate you’ll emerge with professional skills in the general application of data analytics. You’ll have the knowledge and experience to apply high order thinking strategies within data rich contexts to influence and drive high level decisions.

Real-world learning
This course is designed to specifically meet industry needs. We’ve brought together expertise in the statistics, computer science and business process management disciplines to deliver real-world learning opportunities.

Build experience that allows you to constructively apply your analytical skills to complex problem domains.

Experience applying high-order thinking strategies within data-rich contexts through the synthesis of multiple sources of information.

Entry requirements
Academic entry requirements
You must have a completed recognised bachelor degree in any discipline with a minimum grade point average score of 4.00 on QUT’s 7.00 point scale (or equivalent).

Minimum English requirements
Students must meet the English proficiency requirements.

IELTS (International English Language Testing System)

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Accurate as at 23 June 2020. For the latest information see:
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Course structure
You must complete 48 credit points of course units, consisting of:

- 1 core unit (12 credit points)
- 36 credit points of elective units selected from an approved list.

Careers and outcomes
You'll graduate with professional skills in the general application of data analytics, and you'll have the necessary knowledge to work in a range of industries.

This degree can serve as a pathway to the Master of Data Analytics where you may specialise in areas of data analytics, data systems development or data-driven decision making.