Bachelor of Data Science and Decisions

UNSW Science
UNSW Engineering
UNSW Business School
Bachelor of Data Science and Decisions

Program 3959

From 2017, UNSW is excited to offer the new Bachelor of Data Science and Decisions (UAC: 429150; Guaranteed Entry ATAR: 94).

This unique multidisciplinary program will equip students with skills in mathematical methods, statistics, computing, business decisions, and communication. Students will benefit from the expertise of educators across three different Schools at UNSW: Mathematics and Statistics; Computer Science and Engineering; and UNSW Business School.

The Bachelor of Data Science and Decisions will train graduates to meet the growing demand for Data Scientists and Analysts in the Sydney region, nationally and internationally.

This three-year program comprises a central core course requirement and features three separate streams of study:
- Quantitative Data Science
- Computational Data Science
- Business Data Science.

There is a soaring demand for employees with qualifications in data science and analysis, with career opportunities across a broad range of areas.

Over the last four years, jobs requiring the use of data analysis and data management skills and tools have doubled. Data scientist is not just a high-growth job, but also one of the most lucrative.

Data Scientists and Analysts are in very high demand globally, particularly in the key metropolitan areas and financial capitals of the world, including New York, London, Singapore, Hong Kong, San Francisco and Sydney.

The career of the 21st century!

Contact us:
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A range of electives are offered. More details: maths.unsw.edu.au/futurestudents/data-science-and-decisions
"As data volume continues to grow and organisations are looking to become more strategically focused, data science and decision modelling are increasingly essential tools for businesses to thrive in a competitive global environment.

Having the right analytical tools is critical for growth and success in the 21st century workplace."

Ron Elazar, Senior Analyst at Deloitte Australia
Graduate of UNSW Mathematics and Statistics

"The potential for data analysis to impact big and small decisions in our lives is endless. From forecasting the peaks and troughs of chocolate biscuits in your local supermarket throughout a year, to pushing out intervention programs at the right time to people who are at high risk of falling into debt. The best thing? These skills are transferable – the same techniques can be used across multiple applications; the only limit is your imagination."

Annelies Tjetjep, Customer Success Manager at SAS Australia

“As CEO of IBM, Ginni Rometty, said in 2014, ‘Data is becoming the new world’s natural resource’. Today, data scientists are not graduating as fast as we would like to hire them. This demand is only going to increase in years to come. And, there is no better place than UNSW with its high quality of professors in this space, and the quality of teaching and research programs that are second to none in this field.”

Hamid Motahari, Research Group Lead, and Member of IBM Academy of Technology
Graduate of UNSW Computer Science and Engineering