Careers in Data Science and Decisions & Advanced Maths

CO-OP PROGRAM SCHOLARSHIPS

"As businesses across every sector strive to identify profitable growth opportunities before the rest of the market... a broad range of career opportunities continue to evolve for people with strong analytic skills. These roles also give exposure to decision making at the most senior levels, and an outstanding foundation of experience that can open to a variety of career paths across different parts of the organisation."

summit

Snapshot of some active sponsors

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About the sector

The Data Science & Decisions degree is aimed at high achieving students who wish to specialise in mathematics as a basis for the increasing range of quantitative careers in areas such as finance, environmental modelling and research. This program has been designed to cater for the specific abilities and interests of talented students with a superior ATAR.

Career paths in Data Science & Decisions and Advanced Maths include:

- Big Data
- Nanotechnology
- Software
- Artificial Intelligence
- Oceanography
- Biomedical Science

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Click on the video to hear from Ricky about life as a Co-op scholar

Go online for more information on program and careers opportunities

coop.unsw.edu.au/programs

"Mathematics is everywhere in industry, and demand is rising. Who would have thought mathematics could ever be relevant to online dating, sporting strategies, forensics, or international diplomacy, and yet all of these fields and more have benefited greatly from mathematical models."

Adrian Miranda
Adv. Maths graduate

"Maths fits into the professional world in a number of ways, but I think its broadest appeal lies in the thinking it requires students to develop. The logic, rigour and problem solving required in studying maths can be applied to a wide variety of professions and more employers are starting to take note of maths graduates."

Anna McGann
PhD candidate

"The banking and financial services industry looks for graduates who can apply analytical concepts flexibly and creatively. The industry is an exciting and diverse one, providing opportunities to work within (and move between) fields, including risk management, funds management, capital markets and trading."

MACQUARIE

GRADUATE STATISTICS

In 2016 the average salary for Analytics professionals was $130, 000.

Institute of Analytics Professionals of Australia (IAPA) Skills and Salary Survey

Apply now!

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Click on the video to hear from Alumni about the Co-op program advantage

Application Tips

- Start early as you will need your school's assessment to complete your application
- Research the roles and opportunities available in the Data Science & related sector
- Think about how your experiences are relevant to a Data Science & Decisions or Advances Maths role, and what you could bring to the industry

Create Your Career

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