New for 2020

Bachelor of Applied Data Science

Assoc Professor Chris Thompson
Science, Associate Dean Education
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Bachelor of Applied Data Science

Computer Science/IT

Math and Statistics

Data Science

Software Development

Traditional Research

Domains/Business Knowledge
Research by the Glassdoor review listed **data scientist** as the highest-paid entry-level job of last year, with a median annual base salary of $95,000. Glassdoor analyst Amanda Stansell said, "There's such a high demand across industries for people with data science skills." Stansell predicted employers will continue to hire data scientists this year as they accrue data and mine it for actionable intelligence. Glassdoor's roster of the 25 highest-paying entry-level positions was dominated by technology, and software engineers were ranked second, with median annual base earnings of $90,000. The S&P 500 LinkUp Jobs Index estimated that the number of open information technology positions has risen more than 4% in the past year.
Bachelor of Applied Data Science

- The first co-designed undergraduate degree at Monash

- Only degree of its kind in Australia providing interdisciplinary problem solving challenges through a stream of studio-based units.

- These units apply the knowledge gained from the applied studies, IT and mathematics to real-world problems.

- Two versions of the degree;
  - 3 year Bachelor
  - 4 year Advanced Program.
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Bachelor of Applied Data Science

Entry reqs – study score of 25 in English + 25 in Maths Methods or Specialist Maths (VCE equivalent)
*Subject Adjustment bonus available

- Biomedical and Chemical sciences
- Mathematics & Modelling
- Physics & Astronomy
- Business analytics & Information systems
- Computer systems engineering
- Cyber security
- Crime and society
- Digital humanities
- Sociology research
- Earth Sciences
- Media & Languages
- Marketing
- Software & App development

ATAR – estimate 85
Bachelor of Applied Data Science Advanced (Honours)

Year 1
- DATA CHALLENGES
- IT
- MATHS
- APPLIED STUDIES

Year 2
- Advanced DATA CHALLENGES
- ELECTIVES

Year 3
- RESEARCH METHODS
- ELECTIVES

Year 4
- INDUSTRY RESEARCH PROJECT

Entry reqs – study score of 25 in English + 30 in Maths
Methods or Specialist Maths (VCE equivalent)

Biomedical and Chemical sciences
Mathematics & Modelling
Physics & Astronomy
Business analytics & Information systems
Computer systems engineering
Cyber security
Crime and society
Digital humanities
Sociology research
Earth Sciences
Media & Languages
Marketing
Software & App development
ATAR – estimate 90+
- **Subject adjustment bonus available for the 3 year program:**
  - A study score of 30 in Maths: Mathematical Methods (any) or Maths: Specialist Mathematics equals 3 aggregate points.
  - A study score of 25 in any two of Algorithms (HESS), Biology, Chemistry, Environmental Science or Physics equals 2 aggregate points.
  - A study score of 30 in any two of Algorithms (HESS), Biology, Chemistry, Environmental Science or Physics equals 3 aggregate points.
  - Overall maximum of 8 points.
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