

Graduate Certificate of Epidemiology Intelligence



The COVID-19 global health crisis has seen the demand for experienced health specialists grow significantly. The Graduate Certificate of Epidemiology Intelligence explores the core methods and analytical tools that sit at the heart of public health and medical research. You will develop the skills, knowledge and practical know how to contribute to the evidence-base behind health interventions.

Suitable for clinical and non-clinical health professionals, as well as graduates from other disciplines, the course equips you with crucial problem-solving and data analysis skills to provide epidemiology intelligence to health departments and decision makers. You'll explore two key study areas that work together to give you the best possible grounding in the field.

Epidemiology

Epidemiology units will unpack different forms of study designs and will train you to find, evaluate and interpret the right data, allowing you to shape policy and practice with evidence-based insights.

Biostatistics

Explore fundamental statistical concepts in a health context and build experience applying biostatistical techniques to health-related data. This expertise is essential when modelling data, testing hypotheses and analysing case-control studies.

Course details

Graduate Certificate of Epidemiology Intelligence

Course code: H546

Offered at: Melbourne Burwood Campus, Cloud Campus (online)

Duration: Up to 1 year of part-time study. The course is only available to students on a part-time basis.

Intakes: Trimester 1 or Trimester 3

Postgraduate bursary

Deakin alumni, their spouses and immediate family may be eligible to receive a 15% reduction per unit on their enrolment fees for any postgraduate award course (excluding students enrolled in a Commonwealth Supported Place (CSP)) at Deakin University.

deakin.edu.au/alumni/alumni-benefits/postgraduate-bursary

Teaching and research excellence

You will be taught by a highly experienced teaching team, including Professor Catherine Bennett, renowned Epidemiologist and media commentator.

Our lecturers are active researchers across many of Deakin's prominent research institutes, groups and centres:

- Institute for Health Transformation
- World Health Organization Collaborating Centre for Obesity Prevention (GLOBE)
- Deakin Health Economics (DHE)
- Health, Nature and Sustainability Research Group
- Centre for Health through Action on Social Exclusion (CHASE)

Your career in the thriving health sector

As a health professional with more advanced training you will have diverse career opportunities in health, the largest and fastest growing industry in Australia.

The worldwide demand for qualified health professionals is at an all-time high. Building on your prior training, Deakin's Graduate Certificate of Epidemiology Intelligence enables you to join organisations focused on solving a broad range of health issues, including surveillance, health protection, cancer, reproductive health, obesity, food security, and communicable diseases.

Some areas this certificate helps prepare you to work in include:

- health departments in all levels of government
- public health research roles in government, industry, universities and hospitals
- medical research in research institutes, universities, private business and hospitals
- international organisations such as the WHO, UNDP and UNICEF

Choose your next step

On completion of this course, you can launch your career in the thriving health sector or choose to continue your studies with one of four related masters degrees. You'll be eligible to gain up to 4 credit points of Recognition of Prior Learning, which means you could have already completed a quarter of your masters!

Develop advanced skills and build even more industry experience with these further study options:

- Master of Public Health
- Master of Health Economics
- Master of Health Promotion
- Master of Health and Human Services Management

'Deakin is one of Australia's leading public health and health promotion universities. The COVID-19 pandemic has highlighted the importance of being able to mount a strong public health response in the face of global health threats. In the current pandemic, I am involved in a range of projects including an international study of excess deaths related to COVID-19, the evidence behind COVID-19 policy decisions, and the use of technology in contact tracing.'

Professor Catherine Bennett
Chair in Epidemiology



Entry requirements

The entry requirements for the Graduate Certificate of Epidemiology Intelligence are as follows:

- Bachelor degree or higher OR,
- Two years relevant work experience OR,
- Evidence of academic capability judged to be equivalent.

All applicants must meet the minimum English language requirements.

Ready to take the next step in your epidemiology career?

Apply directly at deakin.edu.au/apply.

For information on the application process and closing dates, visit deakin.edu.au/courses/how-to-apply.

Please note that closing dates may vary for individual courses.

Course structure

Commencing in Trimester 1 2021, the Graduate Certificate of Epidemiology Intelligence consists of 4 credit points of study plus a zero-credit-point unit, Academic Integrity. For further information please visit deakin.edu.au/course/H546.

Trimester 1 intake

Click on each of the unit names to find out more about them.

Year 1	Trimester 1	Epidemiology 1	Biostatistics 1
	Trimester 2	Epidemiology 2	Biostatistics 2

Trimester 3 intake

Click on each of the unit names to find out more about them.

Year 1	Trimester 3	Biostatistics 1	
	Trimester 1	Epidemiology 1	
	Trimester 2	Epidemiology 2	Biostatistics 2

Contact information

1800 MYFUTURE (1800 693 888)

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deakin.edu.au/H546

While the information provided here was correct at the time of publication, Deakin University reserves the right to alter, amend or delete details of the course and unit offerings. Published February 2021. Deakin University CRICOS Provider Code: 00113B