



THE UNIVERSITY OF  
**SYDNEY**

In partnership with



# Digital Health Essentials Micro-credential training



## The opportunity

Position yourself for the future by participating in our custom-built collaborative and team-based learning experience that will provide powerful insights into how telehealth and virtual care can reshape models of healthcare.

At the end of the course, you will receive:

- A verifiable Digital Health Essentials micro-credential badge
- University of Sydney 2-credit points that may be able to count towards future postgraduate courses (subject to satisfactory assessment and approvals)



RACGP: 40 CPD ACCREDITED  
ACTIVITY POINTS



ACRRM ID: 69217  
ACCREDITED ACTIVITY UNDER  
THE PDP FRAMEWORK

## Background

This online learning course has been designed by Dr. Audrey P Wang, a Senior Lecturer in Digital Health (Biomedical Informatics and Digital Health, Faculty of Medicine and Health) at the University of Sydney, to demonstrate how new and emerging technologies can enhance clinical decision making and change clinical outcomes.

## The learning outcomes

You will receive detailed evidence-based and ethical insights into how technologies such as video, wearable devices, smartphone apps, virtual reality programs, artificial intelligence and data

analytics are shaping the future of healthcare from industry-leading digital health academics and informatics leaders.

At the end of the 6-week collaborative remote learning process, you will develop skills to plan service improvements to your professional practice. With this course, you should be able to:

1. describe the current provision and policy context of virtual care technologies, electronic health records/repository systems, and digital health platforms used in Australia.
2. describe the benefits of virtual care technologies to patients, carers and health professionals.
3. apply and optimise digital health tools across multiple settings in health and social care.
4. evaluate the current use of digital health technologies including virtual care and formulate measurable outcomes relative to scope of practice and stakeholder needs.
5. identify a service improvement or data monitoring project within your scope of practice using virtual care or other digital health solutions.

Established in early 2020, the **Discipline of Biomedical Informatics and Digital Health** at the University of Sydney is the largest comprehensive teaching and research group in the area in Australia, with more than 50 staff and postgraduate students, working on activities from bioinformatics methods through to implementation of digital health technologies in clinical and community settings.



# Digital Health Essentials - Micro-credential training

## Content

The study commitment is on average 8.5 hours per week over 6-weeks (~ 50 hours) with a pre-course orientation week.

The course is organised into six weekly thematic modules as shown below:

- Module 1 – An Overview of Digital Health in Australia
- Module 2 – Effective Virtual Care Implementation
- Module 3 – Digital Health in Remote and Low-resource Settings
- Module 4 – Emerging eTools for Health
- Module 5 – Emerging Data Science Tools and Ethics
- Module 6 – Future Digital Health Systems and Data

## Participant Details

Health professionals working in clinical practice or people working in health management or ICT professionals interested in understanding the challenges facing clinicians in digital health solutions.

For the 6-week course period, you will be provided with access to the University of Sydney's Canvas learning management system to access the self-paced learning materials.

In addition, you will engage with University of Sydney staff and their fellow students via Zoom for live on-line weekly classes, an ethics debate and collaborative workgroup sessions (~3 hours/ week).

Participants will be assessed through a combination of regular online quizzes, reflective posts, and a final multi-media and written assessment task.

## Course dates

The course will start on Monday 20th September 2021.

## Course costs

The 6-week micro-credential course will cost \$1,760 (Incl. GST).

## Contact

For further information or to book a place on the course please:

Email  
[sales@inaltor.net](mailto:sales@inaltor.net)

Or go to  
[www.inaltor.net](http://www.inaltor.net)



## Course designer

Dr. Audrey P Wang is co-located at the Westmead Health Precinct and collaborates with the Digital Health Co-operative Research Centre and the Local Health Districts. In addition, Audrey is the Group Lead for Digital Health Innovation (Collaborative) Lab and is a principal investigator for Fitness and Wellness Beyond the Hospital (FitWe) trial for older adults.



## Global Access Partners

Peter Fritz AO is Chairman of GAP and since 2003 has been involved in cross-disciplinary initiatives to develop and reform the Australian health system to ensure a more sustainable future.