

Master of Digital Health



Digital innovation is transforming healthcare.

Develop the skills to lead the way in digital health technologies and innovations. Choose from our broad range of electives, or focus on one of four in-demand specialisations:

- Health data analytics and visualisation
- Applied eHealth
- Health technopreneurship and bio-design
- Tele and virtual health.



Course details

CRICOS

0101684

Location/course code

Melbourne (HMDH)

Intake

Semester 1 (February 2022)

Semester 2 (July 2022)

Annual tuition fee

A\$36 600 per 120 credit points.¹

Duration

2 years full-time



La Trobe is in the
top 1%
of universities worldwide³

Academic entry requirements

- An Australian Bachelor's degree in any discipline or an approved equivalent qualification with at least a WAM of 65%; or
- An Australian Bachelor's degree in any discipline or approved equivalent qualification with at least a WAM of 60% and a personal statement. The personal statement should address reasons seeking to study the Master of Digital Health, relevant employment/work experience, relevant skills to enable the student to study digital health and evidence of contribution to the digital health community.

Advanced standing

If you can show you have prior learning or experience in digital health, you could be eligible to apply for advanced standing for the four subjects of the first semester of the course.²

IELTS

6.5/6.0

Full details at: latrobe.edu.au/int-hmdh

Scholarships

From tuition fee reductions to cash grants, we've increased the range of scholarships we offer. Discover the La Trobe scholarship for you: latrobe.edu.au/int-scholarships



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A U S T R A L I A

1. 120 credit points represents full-time study for one year.

2. Advanced standing is available from Semester 1 2022.

3. Times Higher Education (THE), 2021, *World University Rankings 2022*; Consejo Superior de Investigaciones Científicas (CSIC), 2020, *Ranking Web of Universities*.

1. Build core foundations in digital health

First, you'll learn:

- **Medical informatics and virtual health:** Explore the design, development, adoption and application of digital health innovations and how they're used to provide healthcare that is accessible, affordable and effective.
- **Big Data in health and the Internet of Medical Things:** Gain an understanding of the Big Data landscape in health and explore how it can be applied in real-world applications and the Internet of Medical Things.
- **Future of digital health:** Examine the applications of current and upcoming digital health innovations along with the impact on roles and responsibilities of healthcare professionals, patients and technical specialists.
- **Health communication in the digital age:** Discover how digital platforms can be powerful tools for quick and effective health communication and develop fundamental skills to communicate strategically and effectively in the digital age.

2. Match your career goals with one of four in-demand specialisations

Then choose from a range of professional specialisations that can benefit existing careers, like allied health professionals and clinicians, as well as many new and emerging occupations. Discover just some of what you can achieve as a La Trobe graduate.

Your career goal	Your major
<ul style="list-style-type: none">• Digital health researcher: Explore the latest digital health innovations by conducting pioneering research related to digital health applications, developments, implementations and evaluations.• Healthcare analytics professional: Analyse and evaluate health-related data to deliver optimal care management in a variety of healthcare settings.• Clinical data manager: Oversee the data management activities for clinical trials and research projects.	<p>Health data analytics and visualisation: Gain the expertise to conduct advanced research on 'big data' in healthcare and to interrogate complex datasets through analytical techniques.</p>
<ul style="list-style-type: none">• Digital health transformation manager: Help devise and implement digital health innovations and data technology systems to enhance clinical workflows.• eHealth project manager: Lead the successful delivery of projects and ensure that clients' data analytics and information management needs are met.• eHealth consultant: Provide support and training to businesses and individuals regarding the installation and use of eHealth applications.	<p>Applied eHealth: Learn about systems thinking and the leadership and management of eHealth systems, while examining quality and safety management in healthcare organisations.</p>
<ul style="list-style-type: none">• Digital health technopreneur: Design, develop and/or market disruptive innovations that target various digital health segments in collaboration with healthcare partners and healthtech organisations.	<p>Health technopreneurship and bio-design: Build skills in design thinking, entrepreneurship and managing digital health innovations.</p>
<ul style="list-style-type: none">• Telehealth operations manager: Manage the daily operations of telehealth programs and proactively identify user experience problems and find solutions.• Telehealth coordinator: Work with patients and doctors to book and manage telehealth consultations via software platforms.• Telehealth doctor/nurse/psychologist*: Provide medical advice or psychological support to patients using telehealth applications.	<p>Tele and virtual health: Understand the design principles, frameworks and quality considerations of tele and virtual health applications, and how to evaluate them in relation to relevant target audiences.</p>

* For registered or licensed professionals only.

3. Gain industry experience

- **Learn from the best.** This course is **co-designed with industry leaders and academics** world-renowned in the advancement of virtual reality, machine learning and computer engineering.
- Pursue your passion and develop solutions to real-world problems with either **a research or industry project.**

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