

MSc in **Applied Digital Health**



A one-year, full-time course, designed to teach the interdisciplinary knowledge and skills in digital problem solving, team work, critical appraisal, to apply to digital health.

MSc in Applied Digital Health

This applied, interdisciplinary MSc is led by the **Nuffield Department of Primary Care Health Sciences (NDPCHS)**, capitalising on our internationally leading digital health research. In addition, the course draws on the expertise of faculty from medicine, social, behavioural and data sciences.

Course overview

- Internationally leading digital health research environment
- Course structure that takes a broad perspective on digital health, equipping students to be future researchers, policymakers, technology specialists or health practitioners
- Tutors and lecturers from a diverse range of academic disciplines and fields (clinical, AI, policy, industry, third sector)
- Multidisciplinary and expert-led
- Course structure that addresses the challenges facing twenty-first century healthcare
- Global student cohort sharing expertise and experience with each other
- One-year, full-time master's programme
- Focus on interdisciplinary knowledge and skills in digital health
- Led by world-renowned faculty from medicine, social science, AI for healthcare, and data science
- Ideal for early and mid-career professionals from diverse backgrounds



Why students choose this programme

- Combines front-line clinical experience with theoretical expertise
- Leverages Oxford's internationally leading digital health research
- Access to Oxford's world-class resources and facilities
- Strong links to digital health innovation community in academia, NHS, and industry

Modules

- Foundations of Digital Health
- Harnessing Big Data for Clinical Decision Support
- AI for efficient healthcare systems
- Remote Monitoring and Digital Diagnostics
- Supporting Health Behaviour Change Using Digital Tools
- User Focused Design and the Lifecycle of Digital Health Innovation
- Economics of Digital Health
- Digital Transformation of Primary Care

Who is this course designed for?

Aimed at early and mid-career professionals, entrants to this course will come from a wide range of backgrounds, including clinical medicine, public health, medical sociology, psychology, statistics, computer science, and engineering.

Course delivery

The teaching is delivered via a range of methods, including lectures, seminars, workshops, presentations, self-directed learning and study, with all theoretical learning underpinned by real world case studies.



Graduates are able to:

- **Analyse** digital health innovation challenges using real-world examples
- **Evaluate** state-of-the-art digital health tools and technologies
- **Address** ethical, policy, and regulatory challenges
- **Develop** user-focused digital health solutions
- **Apply** key research methods in digital health care

Career opportunities

Graduates are prepared for roles in:

- **Healthcare organisations**
- **Pharmaceutical companies**
- **Health tech companies**
- **Consulting firms**
- **Academic research**
- **Health policy**
- **Clinical practice integration**



“One of my primary reasons for pursuing the Master’s was in pursuit of inclusive research efforts in an increasingly decentralised clinical trial space.”

Ashley Murray, MSc in Applied Digital Health




“The best part of the course so far has been connecting with course mates from such varied backgrounds. Students travelled from Australia, Canada, South Africa, and more to Oxford to study for this course”

Alexandra (Zandy) Wong, MSc in Applied Digital Health



 www.phc.ox.ac.uk/study/msc-applied-digital-health

 [oxprimarycare.bsky.social](https://www.bsky.app/profile/oxprimarycare.bsky.social)

 [nuffield-dept-of-primary-care-health-sciences-university-of-oxford](https://www.linkedin.com/company/nuffield-dept-of-primary-care-health-sciences-university-of-oxford)

 [@OxPrimaryCareSci](https://www.youtube.com/@OxPrimaryCareSci)



Find out more about the programme including how to apply, finance and funding options.

NUFFIELD DEPARTMENT OF
PRIMARY CARE
HEALTH SCIENCES

