



UNIVERSITY OF  
**AUCKLAND**  
Waipapa Taumata Rau  
NEW ZEALAND

**ENGINEERING**

# *Postgraduate Q & A*

**Master of Engineering Project Management:  
Health Specialisation**

# what

## **... IS ENGINEERING PROJECT MANAGEMENT – HEALTH PROJECTS?**

This programme addresses the shortage of capital works project managers required to meet the extensive pipeline of new health projects scheduled across New Zealand. Health project managers focus on capital projects within the health sector, concentrating on successful project delivery, stakeholder management and risk management. It is not to be confused with clinical health management, which concerns the management of hospitals and medical centre operations.

## **... PREREQUISITES OR QUALIFICATIONS DO I NEED TO TAKE THIS COURSE?**

The University is looking for passionate professionals in global project management, including but not limited to engineering, architecture, applied science, commerce and relevant construction work experience. Students will be trained in transferable project management skills including Agile and Waterfall, and can register for the PMP exam with the Project Management Institute.

# what

## Programme pathways:

120 or 180 point taught

- **PGCertEPM (Health)** 60 pts
- **MEPM (Health)** 120 pts
- **MEPM (Health)** 180 pts

## ... WILL I STUDY WITHIN THE DEGREE?

Students will learn a comprehensive set of approaches to project management in the health sector, including practical applications of project management methodology and theory. While the majority of the programme focuses on engineering projects delivery, it will be in the context of health management leadership and population health, as well as managing stakeholders in the healthcare industry. The programme will also address obligations to reduce health disparities by improving health outcomes for Māori/Pasifika and other population sectors.

# who

## ... SHOULD TAKE THE COURSE?

Channel your project management career into a growing health infrastructure sector. Governments are investing capital in health infrastructure projects as the world population ages and population growth projections soar. The New Zealand Ministry of Health has allocated a substantial investment over the next 20 years to upgrade current facilities and meet regional demand. The industry needs your leadership to successfully implement these critical health projects.

## ... IS LEADING THE PROGRAMME?

**Dr Abhinaw Sai Erri Pradeep** is the current programme director for Master of Engineering Project Management. He is an experienced professional and an avid researcher in construction project management and engineering education. Dr Pradeep also holds a Bachelor's in Civil Engineering and a Master's in Construction Management.

He completed his PhD in Civil Engineering with the University of Auckland Doctoral Scholarship. Previously, Dr Pradeep worked professionally in academia and as a senior engineer on cross-country power transmission projects. He has a strong passion for teaching and champions interdisciplinary learning.



# why

## Reskilling needs



A 2021 report by the World Economic Forum shows the rise of automation and digitisation has transformed the world of work – increasing productivity but also creating a major societal problem: the stark mismatch of people with the right skills for available jobs. The COVID-19 pandemic has accelerated and exacerbated these trends. As a result, the need to upskill and reskill people so they can participate in the economy is more critical than ever before.\*

## ... STUDY AT THE UNIVERSITY OF AUCKLAND?

The Master of Engineering Project Management in Health is unique to New Zealand. Students will capitalise on the University's connections with the New Zealand Ministry of Health to provide guest lectures, case studies, site visits and internship opportunities. You can count on our reputation as New Zealand's top university and engineering faculty, as well as our track record in the field of project management. Our staff is dedicated to supporting the sector by moulding employable candidates who can improve the management, deployment, service delivery and long-term management of health infrastructure.

\*source:<https://www.weforum.org/reports/the-future-of-jobs-report-2020>



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