

A background image showing three people in a meeting. A woman in a grey hijab and white lab coat is pointing at a whiteboard with a black marker. A man in a dark blue shirt is looking at the whiteboard. A woman in a light blue shirt is also looking at the whiteboard. The whiteboard has several yellow sticky notes and a diagram.

SingHealth **DukeNUS**
ACADEMIC MEDICAL CENTRE

GLOBAL HEALTH
INSTITUTE

GRADUATE CERTIFICATE IN
Global Health Innovation

START YOUR PATH TO GLOBAL HEALTH INNOVATION HERE

The Graduate Certificate in Global Health Innovation integrates global health and its challenges into every stage of the innovation process to achieve health equity for all.

Focusing on the Asian context, this certificate offers valuable insights into the region's health systems. Gain the skills required to design impactful projects that address the diverse challenges in global health and maximise your contributions to the sector.

Tailored for both local Singaporean and international working professionals, the Graduate Certificate in Global Health Innovation consists of four in-person, week-long courses held at SingHealth Campus, in Singapore. Participants will gain hands-on experience in developing, implementing, and navigating policies for healthcare innovations, with a focus on driving real-world impact.

EMPOWERING SYNERGIES

The SingHealth Duke-NUS Global Health Institute leverages the synergistic experience and knowledge of faculty from Duke-NUS Medical School and SingHealth to develop initiatives for learning, research, and knowledge exchange to further the global health agenda in Asia and beyond.



Duke-NUS Medical School

Singapore's flagship graduate medical school, Duke-NUS Medical School was established through a landmark collaboration between two world-class institutions: Duke University and the National University of Singapore (NUS), with the objective of providing innovative education and impactful research that enhance the practice of medicine in Singapore and beyond.



SingHealth

With over 40 clinical specialities, SingHealth is Singapore's largest public healthcare cluster with a network of acute hospitals, national specialty centres, community hospitals, and polyclinics. Driven by a dedicated pool of clinicians, nurses, allied health professionals and staff, it combines clinical expertise with research and education to provide holistic, quality healthcare services in Singapore and the region.



GLOBAL HEALTH INSTITUTE

SingHealth Duke-NUS Global Health Institute

Harnessing the strengths and expertise of SingHealth and Duke-NUS Medical School and working in collaboration with partners globally, the SingHealth Duke-NUS Global Health Institute (SDGHI) seeks to tackle prevalent health challenges, strengthen health systems, and better insulate countries from pandemics and disease threats.

MEET YOUR PROGRAMME DIRECTOR

“The most transformative breakthroughs in history have been driven by bold innovation in health and medicine. However, we continue to face unprecedented challenges: vast inequalities in health access, escalating healthcare costs, shortages of skilled health professionals, and growing threats to lives and livelihoods from climate change. These realities demand fresh thinking, new solutions, and an unwavering commitment to change.

This Graduate Certificate is designed for learners with a shared passion for global health and a desire to make a lasting impact. Through these courses, you'll gain the frameworks, tools, and collaborative mindset needed to address the most pressing issues of our time. Whether you're seeking to innovate at the intersection of technology, policy, or healthcare systems, this is your opportunity to lead the next wave of global health solutions”

Dr Jonas Karlström

Associate Professor, Core Lead, Innovation in Global Health
Global Health Innovation, Graduate Certificate Programme Director
SingHealth Duke-NUS Global Health Institute

Dr. Jonas Karlström is a Swedish MD and Associate Professor with over 15 years of experience in paediatrics, global health, and health innovation. Before joining SDGHI, he held key roles at UNICEF, leading initiatives like scaling oxygen therapy in West and Central Africa during the COVID-19 pandemic. At SDGHI, he has spearheaded projects on trauma care in Sri Lanka and launched Asia's first Graduate Certificate in Global Health Innovation. He has extensive experience in low-resource settings and holds additional expertise in business management from the Stockholm School of Economics.



GLOBAL HEALTH WITH AN ASIAN FOCUS

Top-tier Faculty, Diverse Perspectives

Our faculty hail from internationally renowned institutions and are a mix of researchers, practitioners, and advocates. Experts in their field, they bring to the table a diverse range of experiences and connections to further your career in global health innovation, aiding in your journey from product ideation to distribution.

In-person learning sessions provide you with ample opportunities to interact with faculty as well as your fellow coursemates, equipping you with a shared language that can cross disciplines.

Seamless Learning

The Graduate Certificate in Global Health Innovation is condensed into four one-week courses that span two academic semesters, comprising lectures, interactive case studies, small group work, and opportunities for in-depth study. These courses are designed so that your learning can strengthen and support your work in real time.

A Multidisciplinary Approach

Curated for the global learner, this Graduate Certificate delivers world-class knowledge through an Asian lens, developing your understanding of the intricacies and challenges of health and healthcare innovations in Asia and beyond. It provides you with a strong foundation of both theoretical knowledge and practical skills to further your career in global health as an innovator, entrepreneur, practitioner, educator, researcher or administrator.

COURSE OUTLINE

■ GMS6961 Practice of Global Health in Asia: An Introduction

This course provides a comprehensive overview of the main issues related to global health. Global in coverage but with a focus on low- and middle-income countries (LMICs), particularly in Asia, it provides an overview of the most important health challenges facing the world today. Attention to socio-economic determinants of health, the imperative for health equity, the role of health systems, and the linkages between health and other multidisciplinary aspects will be maintained throughout the course.

■ GMS5161 Approaches to Global Health Innovation

This course focuses on a structured innovation process for global health in resource-constrained settings. It starts with an in-depth analysis of population needs and the key factors driving them using design thinking, you will develop value propositions and innovative solutions. You will also design delivery models to implement those solutions within your respective contexts.

■ GMS5162 Bringing Global Health Innovations to Market

Designed for professionals in healthcare, health technology, and related sectors, this course equips you with the knowledge and skills to translate health innovations into market-ready products and services. You will gain a deep understanding of the key stages in ideation, development, regulatory approval, and commercialisation- while learning to navigate complex global health landscapes, manage regulatory and compliance challenges, and develop strategies for successful market entry and sustainability.

■ GMS5163 Innovation Implementation, Adoption and Scaling in Global Health

This course equips you to drive healthcare innovation from local to global impact. It covers the key elements for adopting and scaling global health innovations, starting with a Vision of Scale. You'll explore critical stages, strategies, processes, best practices, and challenges focusing on resource-constrained environments. The course also addresses key factors for ensuring sustainability beyond initial scaling.

AY25/26 COURSE SCHEDULE

Course Number	Course Title	Course Dates
GMS6961	Practice of Global Health in Asia: An Introduction	18 - 22 August 2025
GMS5161	Approaches to Global Health Innovation	22 - 26 September 2025
GMS5162	Bringing Global Health Innovations to Market	2 - 6 February 2026
GMS5163	Innovation Implementation, Adoption and Scaling in Global Health	23 - 27 March 2026

Admission Requirements

Educational Background

Students should possess a Bachelor's degree in any field

Work Experience

Minimum of three years of working experience

Others

TOEFL/ IELTS or equivalent if English was not the medium of instruction during undergraduate studies

Application Date

Course registration for AY25/26 opens from **1 April to 4 July 2025**

Fees and Scholarships

The Graduate Certificate in Global Health Innovation is **S\$21,600** for the whole Graduate Certificate or **S\$5,400** per course before GST. Scholarships are available. Please connect with us to find out more.

For Enquiries

Please contact the SingHealth Duke-NUS Global Health Institute at sdghi@duke-nus.edu.sg