



MASTER OF SCIENCE IN
**SUSTAINABLE
HEALTHCARE**

Be at the Forefront of Healthcare and Sustainability

WELCOME TO THE MASTER OF SCIENCE IN SUSTAINABLE HEALTHCARE

Climate change is the greatest health challenge of our time, and healthcare must rise to meet it. While we have been part of the problem, we can be part of the solution too.

The MSc SH is our world-leading programme dedicated to delivering climate resilient, low-carbon healthcare. The urgency is clear — healthcare needs leaders like you to catalyse this change.

You will work with renowned experts, access cutting-edge research, and gain hands-on experience in driving and implementing net zero healthcare. You will be exposed to a diverse global community of students and have the unique opportunity to collaborate on ongoing projects with the Centre for Sustainable Medicine.

Graduates will be positioned for key roles to lead the future of healthcare and shape global policy. This isn't just about earning a degree — it's about driving real change. We hope you will join us on this journey towards a more sustainable future.

Professor Nick Watts

Director, Centre for Sustainable Medicine
NUS Yong Loo Lin School of Medicine



PROGRAMME AT A GLANCE

The Master of Science in Sustainable Healthcare (MSc SH) at the NUS Yong Loo Lin School of Medicine is a coursework-based programme equipping you to lead the low-carbon healthcare transition.

As the world's first master's dedicated to this field, it empowers you to take on one of the most urgent challenges in global health today.

You'll explore how environmental change impacts health, master carbon analytics, and apply change management strategies to create better outcomes for patients and the planet.

Guided by world-class faculty and learning alongside a diverse global cohort, you'll graduate ready to drive sustainability across clinical practice, health systems, public health, policy, and industry, to make a lasting impact on the future of healthcare.



Access to World-Class Faculty

Gain first-hand insights from experts at WHO, The Lancet, and senior leaders in governments, healthcare, and industry worldwide.



Hands-On, Real-World Learning

Apply concepts through experiential learning and collaborate with a diverse global cohort focused on climate action in healthcare.



Build Core Skills In Sustainable Healthcare

Develop a strong foundation in sustainable practices and carbon accounting methodologies relevant to clinical and health system settings.



Impact-Focused and Future-Ready

Develop skills for sustainability — one of the world's fastest growing job markets — and unlock diverse opportunities.



Internationally Recognised Master's Degree

Receive a world-class education at Asia's leading medical school, and gain an exceptional opportunity to pursue advanced medical education.

STUDY MODE

Full-time 1 year

Part-time 2 years

TUITION FEES

For AY2026/2027:

S\$58,860 (incl. GST)



PROGRAMME STRUCTURE

Core Courses	Elective Courses																		
<p>Complete 6 core courses</p> <table><tr><td>SEM 1</td><td>SM5001</td><td>Principles of Sustainable Healthcare Practice</td></tr><tr><td>SEM 1</td><td>SM5002</td><td>Net Zero Analytics</td></tr><tr><td>SEM 1</td><td>SM5003</td><td>Climate, Environment & Health</td></tr><tr><td>SEM 2</td><td>SM5004</td><td>Implementing Net Zero Healthcare</td></tr><tr><td>SEM 1</td><td>SM5101</td><td>Sustainable Healthcare Capstone I</td></tr><tr><td>SEM 2</td><td>SM5102</td><td>Sustainable Healthcare Capstone II</td></tr></table>	SEM 1	SM5001	Principles of Sustainable Healthcare Practice	SEM 1	SM5002	Net Zero Analytics	SEM 1	SM5003	Climate, Environment & Health	SEM 2	SM5004	Implementing Net Zero Healthcare	SEM 1	SM5101	Sustainable Healthcare Capstone I	SEM 2	SM5102	Sustainable Healthcare Capstone II	<p>Choose a combination of 4 elective courses</p> <p>(One to be completed in Sem 1, and the remaining three in Sem 2)</p>
SEM 1	SM5001	Principles of Sustainable Healthcare Practice																	
SEM 1	SM5002	Net Zero Analytics																	
SEM 1	SM5003	Climate, Environment & Health																	
SEM 2	SM5004	Implementing Net Zero Healthcare																	
SEM 1	SM5101	Sustainable Healthcare Capstone I																	
SEM 2	SM5102	Sustainable Healthcare Capstone II																	
24 units in total	16 units in total																		
Total: 40 Units To Graduate																			

 Explore the programme curriculum, study plan, and other details on our programme webpage.

CORE COURSES

SM5001

Principles of Sustainable Healthcare Practice

- ▶ Apply climate change principles to healthcare mitigation and adaptation strategies
- ▶ Identify healthcare emission hotspots and learn basic carbon accounting concepts
- ▶ Develop strategic, context-aware mitigation strategies in health systems

SM5002

Net Zero Analytics

- ▶ Learn methods and tools to calculate emissions from clinics and hospitals
- ▶ Apply life cycle assessment to inform policy and clinical decisions
- ▶ Critically appraise environmental impact studies in healthcare according to ISO and GHG guidance and standards

SM5003

Climate, Environment & Health

- ▶ Analyse climate–environment–health linkages and pathways
- ▶ Apply epidemiological and modelling tools to climate health data
- ▶ Develop policy-driven, cross-sectoral strategies for resilience

SM5004

Implementing Net Zero Healthcare

- ▶ Identify policy and operational levers for healthcare decarbonisation
- ▶ Build and present evidence-based business cases for interventions to influence stakeholders
- ▶ Apply implementation science and economics to drive change

SM5101/SM5102

Sustainable Healthcare Capstone I & II

- ▶ Apply programme knowledge in a real-world, interdisciplinary project
- ▶ Synthesise evidence to inform policy, practice, or research and communicate findings effectively

📖 For the full breakdown of core and elective courses, visit our programme webpage.

CAREER POSSIBILITIES



Chief Sustainability Officer



Clinical Director of Sustainability



Director of Public Health



Healthcare Procurement Lead



Research Fellow in Sustainable Healthcare



Senior Energy and Carbon Analyst



Sustainable Innovation Manager



Senior Health Policy Officer



WHO SHOULD APPLY?

The programme welcomes **local and international** applicants from diverse academic and professional backgrounds. It is ideal for:

Recent graduates

in healthcare-related fields, public policy, social sciences, sustainability, environmental science, or business administration

Working professionals

with experience in healthcare, health policy, or environmental and sustainability sectors

Specialists and aspiring leaders

seeking to drive climate action and sustainability in healthcare systems



KEY ADMISSION REQUIREMENTS

Academic and Professional Background

Bachelor's degree in healthcare-related fields, public policy, sustainability, environmental science, business administration, etc

Other qualifications with relevant industry experience may be considered on a case-by-case basis

Language Proficiency

International applicants whose undergraduate education was not conducted in English must demonstrate proficiency with a minimum TOEFL score of 85 (Internet-based) or an IELTS Academic score of 6.0

Please note that admission is competitive, and meeting the minimum requirements does not guarantee entry into the programme.

REQUIRED DOCUMENTS FOR APPLICATION

- ✓ Statement of Intent showcasing academic strength, research interests, motivation to study, and long-term development goals
- ✓ Curriculum Vitae (CV) providing an overview of relevant experience, skills and qualifications, and accomplishments
- ✓ Degree Certificate and University Transcripts
- ✓ TOEFL / IELTS Scoresheet (if applicable)
- ✓ Financial Support Documents

🖥 Visit our programme webpage for the full list of supporting documents required for your application.

UPCOMING INTAKE

August 2026

APPLICATION PERIOD

November 2025 - March 2026

FEE REBATES AND FUNDING

- ▶ Singaporeans and Singapore PRs: 40% tuition fee rebate
- ▶ NUS Alumni: 20% tuition fee rebate
- ▶ Tuition fees may be offset using SkillsFuture Credit


🖥 For the most up-to-date information on tuition fees, payment schedule, and available grants or funding support, please visit our programme webpage.

CENTRE FOR SUSTAINABLE MEDICINE

As the first-of-its-kind institution in Asia and the largest in the world, the Centre for Sustainable Medicine is dedicated both to decarbonising healthcare and developing climate-resilient health systems to accelerate the net zero transition in healthcare.

The Centre's three pathways to deliver change include: preparing future healthcare leaders, accelerating the delivery of net zero healthcare, and equipping clinicians with the best-available evidence.

Launched in March 2024, the Centre brings together leading experts and clinicians from around the world to establish a new field of medicine and transform clinical practice.

📄 Learn more about CoSM at <https://medicine.nus.edu.sg/cosm>
For updates and news, follow @sustaincosm on 



Centre for Sustainable Medicine
Yong Loo Lin School of Medicine

THE NUS MEDICINE ADVANTAGE



QS Medicine (Asia)



THE (World)



QS Medicine (World)

At the National University of Singapore (NUS), students receive a world-class education at one of the top global universities. The Yong Loo Lin School of Medicine is Asia's leading medical school, offering an exceptional opportunity to pursue advanced medical education.

Known for producing healthcare professionals who are innovators and leaders, its global reputation, paired with its focus on fostering critical thinking and innovation, makes its graduates highly sought after in both research and clinical settings. A master's degree from NUS Medicine is an investment in a future of leadership, expertise, and meaningful impact in the healthcare industry.

Statistics Source: Times Higher Education (THE) World University Rankings and Quacquarelli Symonds (QS) World University Rankings 2025



**SCAN QR TO START
YOUR APPLICATION**



**Master of Science in
Sustainable Healthcare (MSc SH)**

For general enquiries, please email dgsmarketing@nus.edu.sg

For programme-specific enquiries, please contact educosm@nus.edu.sg



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