Unitar Online Catalogue

CIFAL Singapore - Master of Science in Green Energy Technologies (August 2027 Intake)

People

Deadline: 31 Mar 2027

Type:	Course
Location:	Nanyang Technological University, Singapore, Singapore
Date:	1 Mar 2027 to 31 Mar 2027 (To be confirmed)
Duration:	365 Days
Programme Area:	Decentralize Cooperation Programme
Website:	https://www.ntu.edu.sg/education/graduate-programme/master-of-science-in-green-...
Price:	$0.00
Event Focal Point Email:	mae.msc@ntu.edu.sg
Partnership:	CIFAL Singapore, , NIL

BACKGROUND

Singapore is a global hub for innovation and sustainability, leading in maritime decarbonization, hydrogen economy, and energy-efficient data centres. The program links rigorous academic training with real-world challenges in an

international setting.

EVENT OBJECTIVES

Equip students with strong engineering foundations and interdisciplinary perspectives to address urgent global energy challenges. Prepare graduates for innovation, decision-making, policy, and leadership roles in sustainability.

LEARNING OBJECTIVES

Develop expertise in green energy technologies, including renewable energy, decarbonization, energy management, and sustainable design. Foster skills for R&D, policy, and energy management roles.

CONTENT AND STRUCTURE

Default option of “Coursework-only” – 10 courses (completion of 4 core courses and 6 electives) Opt-in option of “Coursework and Dissertation” – 8 courses & Dissertation project (completion of 4 core courses and 4 electives).

METHODOLOGY

Interdisciplinary academic training, industry-driven projects, real-world challenges, and option for dissertation. Emphasis on engineering solutions, policy, and leadership.

TARGETED AUDIENCE

Graduates with science and engineering backgrounds (physics, chemistry, mechanical, electrical, aerospace, etc.), professionals seeking careers in clean energy, sustainability, and technology innovation.