



# unitar

United Nations Institute for Training and Research

## Unitar Online Catalogue

### CIFAL Singapore - Master of Science in Green Energy Technologies (Intake I)

People

Deadline: 31 Mar 2026

Type:	Course
Location:	Nanyang Technological University, Singapore, Singapore
Date:	10 Aug 2026 to 16 Apr 2027
Duration:	365 Days
Programme Area:	Decentralize Cooperation Programme
Website:	<a href="https://www.ntu.edu.sg/education/graduate-programme/master-of-science-in-green-...">https://www.ntu.edu.sg/education/graduate-programme/master-of-science-in-green-...</a>
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 engineering backgrounds (mechanical, electrical, aerospace, etc.), professionals seeking careers in clean energy, sustainability, and technology innovation.