

Innovative Solutions to Global Problems

PROGRAMME STRUCTURE

10 WEEKS

- **APRU SEMINARS & PRESENTATIONS**
- 2 hours/week;

1 WEEK

- **OPTIONAL PARTICIPATION AT APRU SYMPOSIUM / WORKSHOP**

Course start date: 24-Sep-25
9:00 AM-11:00 AM UTC+08
Course end date: 3-Dec-25

Students actively participating in at least 80% of the course will receive APRU Certificate of Participation.

For enquiries, please email us at APRU-GS@e.ntu.edu.sg

GLOBAL SUSTAINABILITY: WASTE & THE CITY

An APRU course with a focus on SDGs and ESG

APRU Course Director:

Sierin Lim, Nanyang Technological University, Singapore

APRU Program Director:

Yekang Ko, University of Oregon, Sustainable Cities and Landscapes

The seminar course introduces graduate students to global sustainability concepts and applications from leading experts in the academia and the industry. Students will learn the key points of the United Nations Sustainability and Development Goals (UN SDGs) focusing on the environment and economy, specifically those that pertain to waste and urbanization. They will also learn how leaders work with key stakeholders in implementing sustainability in their organizations. By exposing students to real-world Environmental, Social, and Corporate Governance (ESG) reports produced by corporations in various industries, they will practice critical thinking and analytical skills.

The course will provide students with the opportunities to interact with leaders from around the world in real-time video conferencing. By conducting the case studies in teams with peers from across institutions and regions, students will develop professional competencies in cross-cultural communication, interpersonal skills, teamwork, while fostering equitable and inclusive partnerships. The course will prepare the students for future exchanges with members from various background and cultural contexts.

This course is hosted by Nanyang Environment and Water Research Institute (NEWRI) under NTU Graduate College Interdisciplinary Graduate Programme (IGP/Global). It is offered in collaboration with Korea University and the University of Oregon.