

HANDBOOK

UI CREATES 2024



**“Learning from Tropical Cities:
Sustainable Infrastructure to
develop a Low Carbon Eco City”**



SUMMER COURSE*)

UI CREATES

Transfer Credit: 3 Credits

**“Learning from Tropical Cities:
Sustainable Infrastructure to develop a Low Carbon Eco City”**

*) minimum 15 participants

October - November, 2024

This summer course serves for credit earning (3 Credits). It contains **series of online and offline lectures, workshops, & excursions** focusing on **spatial, technological and environmental discussions** with main issues and topics related to **green and blue infrastructure**.

EXPERTS:



Dr. -Ing. Ova Candra Dewi,
S.T., M.Sc
Urban and Regional Planning
Program, Universitas Indonesia
Expert in Architecture and
Sustainability, Waste Management,
and Green Building



Prof. Ir. Antony Sihombing,
MPD., PhD
Department of Architecture,
Universitas Indonesia
Expert in Urban Kampung,
Architectural Design, Urban Planning



Prof. Ir. Evawani Ellisa,
M.Eng., PhD
Department of Architecture,
Universitas Indonesia
Expert in Architecture and Urban
Design, Kampung Settlement



Dr. Miktha Farid Alkadri,
S. Ars., M. Ars
Department of Architecture,
Universitas Indonesia
Expert in Computational method for
integral design, building &
environmental performance analysis



**Dr. Phil. Hendricus Andy
Simarmata,** S.T., M.Si
Urban and Regional Planning Program,
Universitas Indonesia
Expert in Urban and regional planning,
spatial planning, urban studies, and
sustainable urban development



Dr. Mustika Sari, S.Ars., M.T., IPM
Urban and Regional Planning Program,
Universitas Indonesia
Expert in Project Management,
Digitalization in Construction,
Sustainable Infrastructure Development



Ayomi Dita Rarasati, S.T., M.T., PhD
Department of Civil Engineering,
Universitas Indonesia
Expert in Project Management and
Financing, Islamic Financing, Infrastructure
Development, Procurement and Asset
Management, Sustainability



Ir. R. Jachrizal Sumabrata, M.Sc., PhD
Urban and Regional Planning Program,
Universitas Indonesia
Urban Infrastructure Development

BENEFITS

**KNOWLEDGE
FROM EXPERTS**

E-CERTIFICATE

**CULTURAL
EXCHANGE**

FIELD TRIP

**REGISTRATION
AND MORE INFO**

<https://linktr.ee/uicreates2024>



GENERAL REQUIREMENTS:

- Have strong passion in **sustainable infrastructure**;
- Master students or final year of bachelor students in related fields (urban and regional planning, urban design, architecture, etc);
- Have interest in Green & Blue Sustainable Infrastructure especially in tropical area;
- Willing to work on a group;
- Committed to fully follow the activity series online for pre summer course & offline for the main event; and
- Registration fee of **\$950 (USD)****.

***(Include: twin room for 7 days 6 nights, breakfast, lunch, local transportation, t-shirt and tumbler; Exclude: flight ticket to and from Jakarta, Indonesia, visa or passport)*

REGISTRATION DEADLINE: 9 AUGUST 2024



info.pwk@eng.ui.ac.id



+62 821 7791 6710 (Farrah)



pwk.ftui

UI CREATES 2024

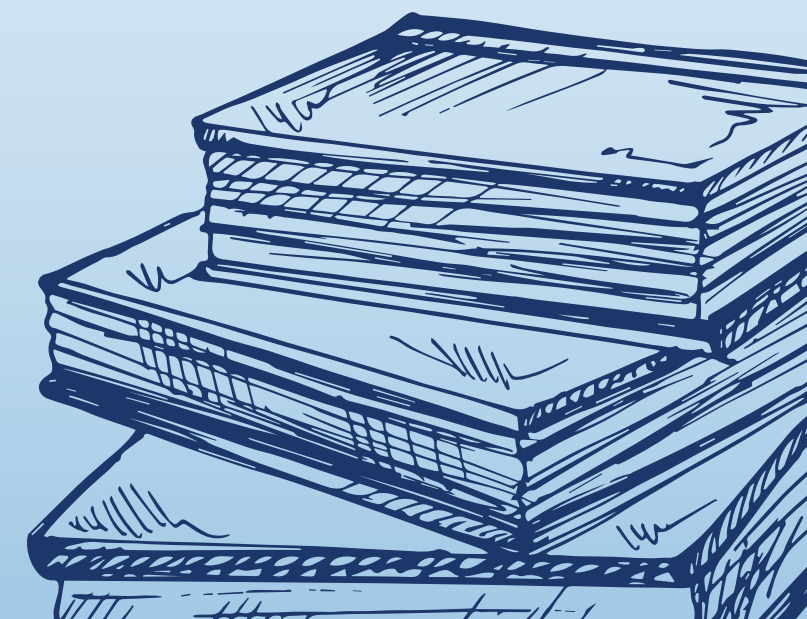
7 October - 15 November, 2024

WHAT ARE THE CRITERIA TO JOIN?



- 1** Have strong passion in sustainable infrastructure;
Master students or final year of bachelor students in
- 2** related fields (urban and regional planning, urban design, architecture, etc);
- 3** Have interest in Green & Blue Sustainable Infrastructure especially in tropical area;
- 4** Willing to work on a group;
- 5** Committed to fully follow the activity series online for pre summer course & offline for the main event; and
- 6** Registration fee of **\$950 (USD)****).

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WHAT SHOULD BE PREPARED?

✓ Pre-Essay

This consists of background, research interest, and a future plan on why you are interested in joining the UI CREATES program.

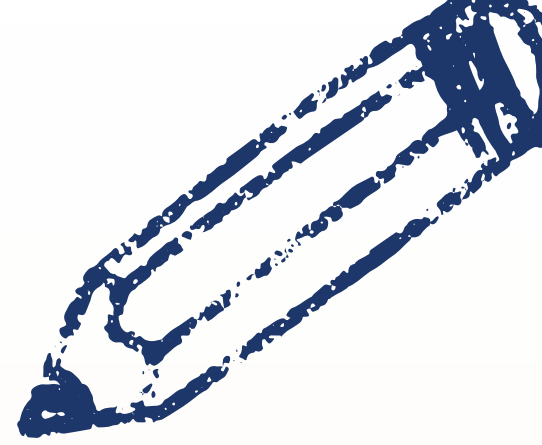
✓ Statement Letter

Consists of a statement that declares your intention to fully follow the UI CREATES program and the applied regulation.

✓ Valid Passport



HOW TO REGISTER?



REGISTRATION

- 1 Fill initial registration form below. Don't forget to submit your statement letter and essay to finish this step.*)
- 2 Selected participants will receive a Letter of Acceptance (LoA) and Student ID through e-mail
- 3 Participants who already received an LoA must fill in the pre-registration form below with their Student ID
Pre-Registration link: www.pra-registrasi.ui.ac.id

*) Statement letter and pre-essay template can be accessed through: <https://linktr.ee/uicreates2024>

IMMIGRATION

(ONLY FOR ACCEPTED STUDENTS)

- 1 Letter of Acceptance (LoA)
- 2 Scan of your Passport in colour (cover and identity page only)
- 3 Your latest 4x6 portrait photo (white background)
- 4 Bank statement (with minimum balance 200 USD for the last 3 months)
- 5 Law Declaration **)
- 6 Request Telex Visa**)
- 7 Flight ticket (Home country-Jakarta; Jakarta-Home country)

*) Law declaration and Request Telex Visa template will be informed later

PROGRAM SCHEDULE

7 OCTOBER

Introduction and Brainstorming
Lecture 1: City Introduction

9 OCTOBER

Assignment Compilation

11 OCTOBER

Lecture 2 : informality in cities
challenge to low carbon
citiesIntroduction

14 OCTOBER

Assignment Compilation

16 OCTOBER

Lecture 3 : Sustainable Infrastructure

18 OCTOBER

Assignment Compilation

21 OCTOBER

Lecture 4 : management in city
infrastructure

23 OCTOBER

Assignment Compilation

4 NOVEMBER

Day 1: Program Introduction
and Campus Tour

5 NOVEMBER

Day 2: Lecture series 1
Field workshop
Evaluation & Discussion

6 NOVEMBER

Day 3 : Lecture Series 2
Field Workshop
Evaluation & Discussion

7 NOVEMBER

Day 4 : Field Workshop 3
Field Workshop 4
Garden Dinner

8 NOVEMBER

Day 5 : Closing Lecture
Final Group Evaluation
Return to home country

15 NOVEMBER

FINAL SUBMISSION:
Documentary Video and Report

Note:

● ONLINE SCHEDULE

● OFFLINE SCHEDULE

○ ASSIGNMENT COMPILATION SCHEDULE



FOR MORE INFORMATION:

 +62 821 7791 6710 (FARRAH)

 INFO.PWK@ENG.UI.AC.ID

 [PWK.FTUI](https://www.instagram.com/PWK.FTUI)