



“Global Resilience for Environmental and Natural Sustainability ”

Hosted by Chemical Engineering Department UGM
In Collaboration with ASEAN University Network (AUN)
Universitas Gadjah Mada
23 July – 3 August 2025

Previous Programs

UGM successfully hosted AUN Summer Camp 2025, where 50 students from 30 AUN member universities joint the programs.

Chemical Engineering
Dept UGM successfully completed WAFERS Summer Course 2018, 2021 and 2022, where more than 30 students from all around the world joint the program in each year.



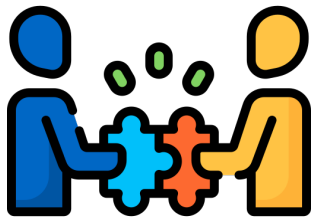
Learning Outcomes



Students should be able to explain the basic concept of resilience in different disciplines and its application in **environmental management, natural resources, and sustainable infrastructure**.



Students should be able to identify global challenges related to **sustainability** and design innovative solutions that can be applied in **various disciplines** to support the **achievement of SDGs**.



Students should be able to work collaboratively **across disciplines** to design, evaluate, and implement **resilient and sustainable strategies in the face of environmental and social change**.

Program Format



The program is scheduled to take place from July 23 to August 3, 2025, and will be divided into two sessions: **online** and **on-site** lectures. Participants are also encouraged to engage in both individual and group assignments.

The lectures will be presented by various facilitators from the following institutions:



Universitas
Gadjah Mada



ASEAN
University
Network



Other institutions
around the world

Program Schedule

Delivery	Date	Morning Session		Afternoon Session		
Online	23 Jul 2025	Opening Ceremony	Orientation	Lecture 1	Lecture 2	Reflection
	24 Jul 2025	Lecture 3	Assignment	Lecture 4	Assignment	Reflection
	25 Jul 2025	Lecture 5	Assignment	Lecture 6	Assignment	Reflection
	26 Jul 2025	Individual Preparation for Departure to Indonesia				
	27 Jul 2025	Participant Travel and Arrival in Indonesia				
On-site	28 Jul 2025	Welcoming Session	Campus Tour	Lecture 7	Lecture 8	Lecture 9
	29 Jul 2025	Lecture 10	Lecture 11	Field Work		
	30 Jul 2025	Field Work				
	31 Jul 2025	Field Work				
	1 Aug 2025	Self-Preparation for Presentation		Cultural Exposure		
	2 Aug 2025	Group Presentation		Preparation	Closing Ceremony and Cultural Night	
	3 Aug 2025	Participant Departure for Their Countries of Origin				

Lectures :

- Circular Bioeconomy & Biorefineries
- Waste sorting and recycling
- Resource Recovery
- Energy Saving Buildings
- Water and Wastewater Treatment
- Energy Storage for Energy Resilience
- Sustainable Drinking Water in Rural Communities
- Education to Drive Global Sustainability
- Oil and Gas – Transition Bridge for Sustainable Development
- Sustainable Food Source

Field Work:

- Agrotechnology Innovation Centre UGM
- Waste recycling facility at Jogjakarta City
- Cokrodiningratan – community based organization for river management
- Batik and traditional food industrial center at Jogjakarta

Fee Details

Program Fees : None

Covered Expenses :

- ✓ Airport transfer
- ✓ Ground transportation
- ✓ Meals (Breakfast, Lunch, Tea-Break)
- ✓ Accommodation (28 July – 3 August 2025)
 - Check in : 27 July 2025
 - Check out : 3 August 2025

Expenses Not Covered:

- X Round-trip airfare / travel
- X Insurance (travel / health)
- X Personal expenses
- X Other meals outside of the program

Thank You



More Informations

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