

A green icon depicting a mortar and pestle with a plant stem and leaves growing from it, symbolizing green pharmacy or natural medicine.

Summer Course 2025

GREEN-HOPE: Harnessing Green Pharmacy for Climate Resilience
and Community Empowerment

International Summer Course Program
Faculty of Pharmacy in collaboration with
Faculty of Medicine, Public Health, and Nursing
Universitas Gadjah Mada
Yogyakarta, Indonesia



Overview

Climate change is a growing global crisis that threatens ecosystems, health, and the well-being of vulnerable communities. In response to this, green pharmacy—combining traditional knowledge of medicinal plants with sustainable practices—provides innovative solutions for both mitigating and adapting to climate change. Beyond offering natural remedies, medicinal plants contribute to environmental restoration, carbon capture, and biodiversity preservation.

The **GREEN-HOPE** summer course is designed to deepen participants' understanding of how green pharmacy can address climate challenges while empowering communities through the sustainable use of medicinal plants. The program blends pharmacology, toxicology, and modern techniques such as biotechnology and nanotechnology to foster the development of globally competitive, standardized herbal products.

With a hands-on, interdisciplinary approach, participants will explore essential topics like biodiversity, sustainable farming practices, herbal product processing, and community empowerment strategies. Field trips to real-world green pharmacy practices will also provide practical experience, enabling participants to develop actionable, community-based projects.





Our Program

The Summer Course 2025, will be held from July 14 to August 1, is designed to explore the role of green pharmacy in climate resilience and community empowerment through sustainability principle strategies. Over three weeks, the program will cover the utilization of medicinal plants with nature-based innovations, the use of natural ingredients in pharmacy practices, the identification of sustainability strategies, and field trips to locations that exemplify green pharmacy principles.

What will you get

1. Participation either fully online (virtual) or fully offline (3 week) visiting Yogyakarta
2. Insight into the development of green pharmacy from Indonesia and beyond
3. Participant certificate
4. Transfer credit equal to 3 CSU
5. Possibility of receiving awards (best student, best presenter, and many more)
6. International friendship, industrial field-trip, and cultural insight
7. Merchandise



summercourse.farmasi.ugm.ac.id



Course Grading

Criteria	Grade
total point from summative 80% - 100%	A
total point from summative 70% - 80%	B
total point from summative 60% - 70%	C
total point from summative 50% - 60%	D
total point from summative 40% - 50%	E
< total point from summative 40%	F





Course Assignment

Assessment items (Assignments)	Weight	Grading Form
Attendance: Minimum attendance 80%	20%	Presence form
Pre and post-test: Participants must complete a quiz in each panel during the course period	20%	Multiple choice question
Asynchronous learning: Participants undertake a number of individual assignments consisting of reading pre-reading materials, discussing a particular topic, and writing short essays on the lecture topic. Asynchronous learning: Participants undertake a number of individual assignments consisting of reading pre-reading materials, discussing a particular topic, and writing short essays on the lecture topic.	20%	Rubric & feedback form
Final project presentation: Field supervisor and judges give feedback on participants' group performance during the presentation session and media utilized.	25%	Rubric based on learning activities
Group work performance: Participant's involvement in group activities during the course assessed by the field supervisor (Field trip activity)	15%	Rubric





Package Fee

Student	Registration Fee (Both Online and Hybrid Package)	Full Online Package	All Inclusive Package (include accomodation 4 nights, and student Visa for International Student)
UGM Student	50,000	250,000	1,000,000
Indonesian (non-UGM)	50,000	350,000	1,500,000
International Student	200,000	450,000	6,000,000

**all in IDR*

For **International students**: register at admission.ugm.ac.id/registration

For possibility of waiver, please contact us by email:

summercourse.farmasi@ugm.ac.id cc to: uui.farmasi@ugm.ac.id

Subject email: Application of SCFA2025_(your name)

For **Indonesian students**: fill out this registration form

ugm.id/DomesticRegisSCFA2025



summercourse.farmasi.ugm.ac.id



Detail Admission

International Participant

Registration Start Date	17 March 2025
Registration Due Date	20 May 2025
Admimistration Selection Due Date	23 May 2025
Academic Selection and LO (Letter of Offer) Due Date	23 May 2025
Payment Due Date	5 June 2025
LoA (Letter of Acceptance) Due Date	12 June 2025
Program Start Date	14 July 2025
Program End Date	1 August 2025





Detail Admission

National Participant

Registration Start Date	17 March 2025
Registration Due Date	21 June 2025
Administration Selection Due Date	28 June 2025
Academic Selection and LO (Letter of Offer) Due Date	30 June 2025
Payment Due Date	7 July 2025
LoA (Letter of Acceptance) Due Date	3 July 2025
Program Start Date	14 July 2025
Program End Date	1 August 2025





Tentative Schedule

Week 1st					
Time	14 July/Monday	15 July/Tuesday	16 July/Wednesday	17 July/Thursday	18 July/Friday
08.00	Opening summer course of 2023	Pre-read material	Pre-read material	Pre-read material	Pre-read material
08.20	Break	Break	Break	Break	Break
08.30	Keynote: Introduction to Green Pharmacy and Climate Change and its impact on society	Pre-read material	Pre-read material	Pre-read material	Pre-read material
09.50	Break	Break	Break	Break	Break
10.00	Panel 1 Topic 1: Utilization of local medicinal plants: philosophical and anthropological studies Topic 2: Cross-disciplinary collaboration for the development of evidence-based and environmentally friendly herbal medicine	Panel 2 Topic 3: Modern Jamu by Acaraki Topic 4: Traditional Jamu making	Group work	Group work	Group work
11.20	Break	Break	Break	Break	Break
13:00	Connection and team building	Introduction and Pitch Deck Presentation	Teamwork and Tutoring	Group work	Group work
14.20	Self Study	Self Study	Self Study	Self Study	Self Study





Tentative Schedule


Week 2nd					
Time	21 July/Monday	22 July/Tuesday	23 July/Wednesday	24 July/Thursday	25 July/Friday
08.00	Pre-read material	Pre-read material	Pre-read material	Pre-read material	
10.00	Panel 3 Topic 5: Regulation and Policy of Traditional Medicine in Indonesia Topic 6: Ethics and Social Responsibility in Traditional Medicine Development	Panel 5 Topic 9: Environmentally friendly medicinal plant cultivation techniques Topic 10: Challenges in developing traditional medicinal ingredients in Indonesia	Panel 7 Topic 13: Latest formulation technology/nanotechnology in herbal medicine development Topic 14: progress of traditional medicine in Indonesia and its comparison with global conditions or DNA fingerprinting of medicinal plants in Indonesia	Panel 9 Topic 17: Community empowerment strategies through green pharmacy (development of herbal medicine-based products) Topic 18: Social and environmental impacts of scientific research on responsible development of traditional medicine	Pitch deck presentation
11:20	Break	Break	Break	Break	Break
13.00	Panel 4 Topic 7: Traditional medicine policy in terms of selection, use, and distribution of medicines in general and electronically Topic 8: Environmental policy and the role of green pharmacy in the Sustainable Development Goals (SDGs)	Panel 6 Topic 11: Optimizing Indonesian natural materials in the independence of medicinal raw materials Topic 12: Prospects for herbal products in the Indonesian and global markets	Panel 8 Topic 15: The role of traditional medicine in personalized health services that prioritize pharmacological aspects Competitive and sustainable innovation in the development of natural materials and spices Topic 16: Competitive and sustainable innovation in technology/biotechnology for the development of natural materials and spices	Panel 10 Topic 19: The role of green pharmacy in improving health resilience Topic 20: The role of green pharmacy in mitigating and adapting to climate change	(Award: The best Poster/Video for Individual Assignment)
14.20					Pre-read materials for hands on lab work
Week 3rd					
Time	28 July/ Monday	29 July/Tuesday	30 July/Wednesday	31 July/Thursday	1 August/Friday
08.00 - 12.00	Korean and Indonesian traditional hand making	Field trip 1 Indonesian Traditional Medicine Exploration Location: Turgo, Kaliurang	Field trip 3 Traditional Spa and Cosmetics Location: Sekar Jawi (Kasihani) atau Prakasita Sekar Mataram (Pajangan)	Field trip 5 Eduwisata herbal Location: PT. Naturindo Fresh (Pengasih, Kulon Progo)	Field trip 7 Wisata di daerah Menoreh Location: Menoreh Dreamland
12.00 - 13.00	Break	Field trip 2 Eduwisata herbal atau touring wisata jeep Location: Merapi Farma Herbal atau Wisata Jeep Kaliurang	Field trip 4 Pottery Workshop Tour Location: Kasongan, Bantul	Field trip 6 Free time, cultural night and closing ceremony Location: Glamping Menoreh (Samigaluh, Kulon Progo)	
13.00 - 17.00	Award and networking				






See you this summer.




Faculty of Pharmacy
Universitas Gadjah Mada
Sekip Utara, Yogyakarta Indonesia 55281

 +62 274 543120

 +62 274 543120

 summercourse.farmasi.ugm.ac.id

 summercourse.farmasi@ugm.ac.id

   osc_farmasiugm