



Learning Materials

Learning materials during this summer course include 10 days of class lecture (26 learning materials), 2 days of field trips, 2 days of cultural trip and 1 day of group discussions and presentations

Credit and Transcript

This program is worth 3 credits. Student will be given a transcript from Faculty of Forestry UGM upon the completion of the program.

Date

August, 11th - 26th 2025

Schedule



Registration

March, 10th - June, 13th 2025

<https://mikugm.id/scfkt2025>

- **Registration:**
 - National Student: IDR 800,000.-
 - International Student: \$ 230
 - National and International Scientist/Partitioners: \$ 250
- **All Meals, Accommodation, Local Transports, and Visa fees:** Covered
- **Student Travel Expenses:** Students are responsible for arranging and covering their own travel costs from home country to Yogyakarta



Contact and Information

Dr. Rhomi Ardiansyah
rhomi.ardiansyah@ugm.ac.id
+62 813 1333 0057

Sawitri, Ph.D
sawitri_fkt@mail.ugm.ac.id
+62 838-4007-2421



UNIVERSITAS GADJAH MADA
FAKULTAS KEHUTANAN



**FORESTRY
SUMMER
COURSE
2025**

August, 11th - 26th 2025
Yogyakarta, Indonesia

The IX International Forestry Summer Course The Forest Nexus: Innovation in Food, Energy, and Water Sustainability

 <https://mikugm.id/scfkt2025>

 Jl. Agro No. 1 Bulaksumur
Yogyakarta, 55251
Indonesia

 sc.fkt@ugm.ac.id



Background

The main agenda in higher education today is the internationalization of higher education. UGM has also enhanced its academic reputation globally by becoming one of the national universities with world-class status, as evidenced by the continuous improvement in its **QS World University Rankings (QS WUR)** over the years. In the past 5 years, UGM's QS WUR ranking has steadily risen, and in 2025, **UGM was ranked 383rd worldwide.**

Programs that align with and support UGM's efforts toward becoming a "World Class University" are continually being strengthened. Initiatives such as bringing in foreign professors, professionals, and international students enhance UGM's academic excellence and reputation. These programs can take the form of short courses or workshops, which elevate UGM's leverage on the global stage in the context of educational internationalization. One activity that supports internationalization in education is the summer course program, which involves participants from partner institutions abroad.

The Faculty of Forestry at UGM consistently strives to improve the quality of education, research, and community service related to forest and environmental conservation. One of their initiatives is The **IX International Forestry Summer Course**. In 2025, this summer course focuses on "**The Forest Nexus: Innovation in Food, Energy, and Water Sustainability**". This theme will present a variety of study materials designed to integrate the multidimensional aspects of forests in supporting food, energy, and water sustainability. The learning includes topics on **forest landscape management for food and water security**, highlighting strategies for managing tropical forest landscapes to support food production and water resource conservation. In addition, materials on **renewable fuel innovations from forest biomass and biofuels** will discuss how forest waste can be processed into environmentally friendly bioenergy. **Agroforestry systems are also a focus, with an emphasis on integrating agricultural and forestry practices to maximize food yields while providing sustainable fuels.**

Other themes include **forest biodiversity conservation** as a supporter of the food chain and **provider of water resource quality**, and technologies for processing non-timber forest products such as honey, mushrooms, and forest fruits as sustainable food alternatives. The study materials are designed to provide a holistic understanding of the interconnectedness of forests, food, energy, and water, while emphasizing the importance of innovation, forest-based approaches, and global collaboration in achieving future sustainability.

The upcoming summer course activities are expected to further enhance academic collaboration networks with foreign institutions, particularly by fostering research collaboration, student exchanges, joint degrees, and double-degree programs.



Learning Outcomes and Curriculum

- Understand how tropical forest management can be an integrative solution for food security, renewable energy, and clean water availability, as well as its important role in supporting sustainable development goals (SDGs).
- Learn various innovations and the latest technologies in forestry, such as the use of biomass for energy, agroforestry for food security, and silvicultural engineering to improve the quality of water resources.
- Understand the role of forest biodiversity in supporting the provision of food, energy, and water, as well as other ecosystem services that contribute to global ecological balance and sustainability of life.
- Able to interact with various cultures and about the history and uniqueness of the archipelago culture (especially Yogyakarta)
- Compile simple scientific papers and interpret materials related to the themes given during the short course.

Overseas Partners



Japan

- Kyoto University
- Yamagata University
- Kyushu University
- Nagoya University
- Tokyo University of Agriculture and Technology



Europe

- Georg-August-Universität Göttingen (Germany)
- Utrecht University (Netherland)
- Universiteit Freiburg Germany (Germany)
- Wageningen University (Netherland)



South-east Asia

- Kasetsart University (Thailand)
- Universiti Malaysia Sabah (Malaysia)
- Universiti Putra Malaysia (Malaysia)
- University of Los Banos Philippine (The Philippines)
- Partido State University (The Philippines)
- Universidad Nacional Timor Leste (Timor Leste)
- Universidade Oriental Timor-Lorosa'e (Timor Leste)



P.R. China

- Northeast Forestry University



USA

- University of Florida



THE IX INTERNATIONAL FORESTRY SUMMER COURSE The Forest Nexus: Innovation in Food, Energy, and Water Sustainability

August, 11th - 26th 2025
Yogyakarta, Indonesia



BENEFITS

- Transferable course credits
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- Class discussions with students from partner universities
- Certificate
- Accommodation
- Cultural exchange activities

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August, 11th – 26th 2025



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Detail information



Dr. Rhomi Ardiansyah



+62 813-1333-0057



rhomi.ardiansyah @ugm.ac.id



SCHEDULE FSC2025



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Detail information



- Sawitri, Ph.D
- +62 838-4007-2421
- sawitri_fkt@mail.ugm.ac.id



FORESTRY SUMMER COURSE 2025



The IX International Forestry Summer Course THE FOREST NEXUS: INNOVATION IN FOOD, ENERGY, AND WATER SUSTAINABILITY

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Secretariate of Forestry Summer Course 2025

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Universitas Gadjah Mada

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