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Upcoming 2025 Summer Course in Agri-food Sector (Faculty of Agricultural Technology, Universitas Gadjah Mada, Indonesia)

1 message

Summer Course - Faculty of Agricultural Technology, Universitas Gadjah Mada
<summercourse.ftp@ugm.ac.id>
To: icc@op.kmutnb.ac.th

17 March 2025 at 13:12

ศูนย์ความร่วมมือนานาชาติ
รับที่ 3 0241
วันที่ 17 มี.ค. 2568
เวลา 14.00 น.

Dear colleague of
International Cooperation Centre
King Mongkut's University of Technology North Bangkok

Greetings from Yogyakarta, Indonesia!

This year, on July 21–August 2, 2025, the Faculty of Agricultural Technology Universitas Gadjah Mada (FAT UGM) will host its annual summer course, entitled "Summer Course in Agri-food Sector: Artificial Intelligence Applications for Advancing the Agri-food Industry".

This summer course will emphasize the urgent need to implement Artificial Intelligence (AI)-based strategies for addressing the impacts of climate change on the agricultural sector. The application of AI in the agricultural and food sectors is still limited compared to its potential surge of AI development, research, and application in these sectors. Consequently, a comprehensive approach is required to use AI throughout the agri-food sector, encompassing all stages from agriculture (food production), processing and analysis (food processing/analysis), and supply chain. Collaboration among universities, industries, and government, both domestically and internationally is essential to accelerate the development of AI in the agro-industrial sector, thereby achieving sustainable food security at the domestic, regional, and global scales in response to climate change and Sustainability Development Goals (SDGs), especially on goals (2) Zero Hunger; (3) Good Health and Well-being; (4) Quality Education; (9) Industry, Innovation and Infrastructure; (12) Responsible Consumption and Production; (13) Climate Action; (15) Life on Land; and (17) Partnerships for the Goals.

The Summer Course will be held in hybrid (the first phase as a Pre-Course session with fully online method participation on July 21-27, 2025, and the second phase as a Course session with on-site and online participation on July 28-August 2, 2025), so that the participants can decide whether they will participate as online participants throughout the Summer Course or will participate as onsite participants that will come physically to FAT UGM for the Course session, after finishing their Pre-Course phase online.

As a part of our established partnership and cooperation within the ASEAN – European Academic University Network (ASEA-UNINET), we gladly invite your students to join the Summer Course. Registration for the participants will be open on April 10, 2025, until the deadline of May 23, 2025. The registration will be administered through UGM's admissions system <https://admission.ugm.ac.id/registration/>. The prospective participants can find further information about this summer course from the attached flyer.

The Committee will offer SHARED ACCOMMODATION FOR FREE to all ONSITE INTERNATIONAL PARTICIPANTS. Furthermore, we offer other benefits for EARLY REGISTRATION, such as:
- free participation fee for the first 10 international participants (both online and onsite participants); and
- full visa fee reimbursement for the first 5 international participants (onsite participants).

For additional information and registration, please visit <http://ugm.id/scftp> or contact us via email: summercourse.ftp@ugm.ac.id.

We send our highest gratitude for your kind help in sharing this information with your students.

Warm Regards,
Summer Course in Agri-food Sector Organizing Committee
Faculty of Agricultural Technology
Universitas Gadjah Mada

ทราบ
 แจ้งบุคลากรทราบ
 ประชุมสัมพันธ์ทั่วไป
 มอบหมาย อธิวัฒน์
 อื่นๆ Website ICC KMUTNB
- รวบรวมรายชื่อและพิจารณาสมัคร
- ประชุมวันที่ 20/3/2568
- ลงรับข้อมูลรายชื่อและพิจารณาสมัคร
อ. อธิวัฒน์
(ใน.ศ. พิมพ์ด้วยชื่อ มุสิกพันธ์)
ศูนย์ความร่วมมือนานาชาติ
H.I.A.B.S.
อ. อธิวัฒน์
19/3/2568

Flyer Summer Course 2025.pdf
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18/03/68

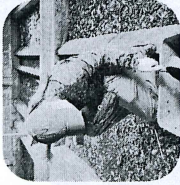


SAVE THE DATE!



July 21 - August 2, 2025

- **Pre-course (Fully Online)**
July 21 - 27, 2025
- **Course (On-site and online)**
July 28 - August 2, 2025



ON SITE

Faculty of Agricultural Technology, Universitas Gadjah Mada, Yogyakarta, Indonesia

ON LINE

Zoom Meetings and eLOK (UGM's Learning Management System)

Registrations

Date: April 10 - May 23, 2025

Link: <https://admission.ugm.ac.id/registration>

CONTACT US



ugm.id/scftp



summercourse.ftp@ugm.ac.id



Dr. Fiametta Ayu Purwandari
(Program)
+62 813-2764-9610



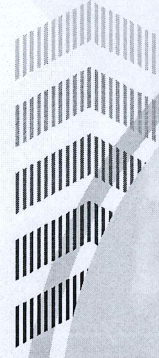
Mr. Yusakti Rizki Bramantyo
(Admission/Mobility)
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SUMMER COURSE IN AGRI-FOOD SECTOR

Artificial Intelligence Applications for Advancing the Agri-Food Industry

Climate change poses significant challenges to the agri-food industry, especially in tropical regions. To ensure sustainability, integrating adaptive technologies like **artificial intelligence (AI)** is crucial. AI enhances productivity, optimizes food processing and strengthens supply chains while minimizing environmental impact.

The 7th Summer Course explores AI-driven solutions across the agri-food sector, from precision farming to smart food systems, equipping participants with the tools to drive sustainability and innovation in response to climate change.



Learning Outcomes

By the end of this Summer Course, participants will understand AI applications in the agri-food industry, including in optimizing productivity, food processing, and supply chains. They will be able to analyze industry challenges, explore AI-driven solutions for precision farming and smart food systems, and develop data-driven strategies to enhance sustainability and food security. This course supports SDG 2, 3, 4, 9, 12, 13, 15, 17

BENEFITS

- Transferable credits for 3 SKS / 4.5 ECTS
- Free field trip
- Exposure of international learning and collaboration



Participation Fees

On-site participants

International*
USD 175
IDR 2,800,000

Indonesian
IDR 1,000,000

UGM students
IDR 600,000

Online participants

International
USD 30
IDR 480,000

Indonesian
IDR 250,000

**on-site international participants must apply for a VKSB visa (USD 125 / IDR 2,000,000)*



JOIN US NOW to get early registration benefits!

- **Free accommodation** for onsite international participants
- **Free participation fee** for the **first 10** international participants (both online and onsite)
- **Full visa reimbursement** for the **first 5** international participants