

Rural and Urban Biodiversity



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Description

The course covers applied biosciences on tropical biodiversity, focusing in rural and urban community. The course provides the science behind biodiversity utilization, such as environmental management, agriculture, bioenergy, and biodiversity for specific uses in rural and urban ecosystem. A field trip will be conducted as integrated part of the course.

Learning Outcomes

Students can understand and able to explain tropical biodiversity utilization in rural and urban community. Students also able to explain the biodiversity management for human needs.

Topic

1. Indonesian Land Use and Rehabilitation
2. Ecosystem Conservation in Indonesia
3. Organic Farming
4. Insect Pollinator
5. Animal Pollinator
6. Natural Dye for Batik
7. Natural Dye for Food
8. Biomass and Waste Utilization for
9. Renewable Energy Product
10. Biodiesel from Biomass
11. Urban Pest
12. Hydroponic for Urban Farming
13. Indoor Microbes and Mites
14. Field Trip

Link

- [Home \[International Class in Tropical Biosciences\]](#)
 - [Tropical Microbiology: Basics and Applications](#)
 - [Indonesian Archipelago: Animal Biodiversity](#)
 - [Indonesian Ethnobotany](#)
 - [Indonesian Bioresources for Health](#)
 - [Rural and Urban Biodiversity](#)
- [Faculty Member](#)
- [Department of Biology](#)