

# Indonesian Archipelago: Animal Biodiversity



## Indonesian Archipelago: Animal Biodiversity

### Description

This course learn about zoogeography, biodiversity and its function, and the management of diversity of Indonesian animals. Indonesian animals diversity is studied based on the taxon selected, including the invertebrates (bees, beneficial insects, aquatic invertebrates) and vertebrates (birds, mammal, primates, including humans). This course is complemented with field trips to broaden knowledge of the students.

### Learning Outcomes

Students understand and can explain zoogeography, biodiversity (invertebrates to vertebrates selected taxon), function of animal diversity in human life and the environment, and management of animal diversity.

### Topic

1. Introduction: zoogeography
2. Tropical biodiversity: why higher diversity in the tropics, some hypothesis of biodiversity, anomaly diversity
3. Some function of biodiversity
4. Some function of biodiversity: ethozoology
5. Indonesian Invertebrate diversity: bees
6. Indonesian Invertebrate diversity: arthropoda - beneficial insects
7. Indonesian Invertebrate diversity: aquatic invertebrate
8. Indonesian vertebrate diversity: primate
9. Indonesian vertebrate diversity: human
10. Indonesian vertebrate diversity: small mammals
11. Indonesian vertebrate diversity: birds
12. Animal conservations, pengelolaan keanekaragaman hewan
13. Field trip
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](#)